

Major Capital Projects

Mobile 502-724-9101

Work 502-627-2760

EON U.S.

820 West Broadway

Louisville, Ky 40202

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Friday, April 23, 2010 5:11 PM
To: Clements, Joe
Cc: King, Michael L. (Mike); Hillman, Timothy M.; Mahabaleshwarkar, Anand
Subject: E.ON Air Quality Control Study

Joe,

Based on our telephone conversation on Wednesday April 21, attached please find the proposal for the requested air quality control services. We understand that E.ON requires this study to be completed by June 18 and we are available to start this project immediately to meet this deadline. Additionally, we have completed a similar study for Ameren UE and have included a Letter of Recommendation for your consideration.

Please feel free to contact Mike King at (734) 622-8516 or myself should you have any questions.

Regards,
Kyle Lucas

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- EON AQC Cost 042610.xls
- PROPOSAL E.ON Scope 042310.doc

From: Saunders, Eileen
To: Whitworth, Wayne
Sent: 4/27/2010 2:24:52 PM
Subject: Fw: E.ON Air Quality Control Study
Attachments: ArchiveInfo.htm

Wayne,

You were copied on this yesterday but here is another copy. I will call you in a minute.

Thanks,

Eileen

From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Clements, Joe
Cc: King, Michael L. (Mike) <kingml@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>; Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Saunders, Eileen; Imber, Philip; Straight, Scott; Whitworth, Wayne
Sent: Mon Apr 26 16:39:51 2010
Subject: RE: E.ON Air Quality Control Study

Joe,

As requested, please find attached the Word version of the proposal and the Excel worksheet with the estimate.

Please let me know if you require any additional information.

Regards,
Kyle Lucas

Kyle Lucas | Environmental Permitting Manager
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From: Clements, Joe [mailto:Joe.Clements@eon-us.com]
Sent: Monday, April 26, 2010 8:22 AM
To: Lucas, Kyle J.
Cc: King, Michael L. (Mike); Hillman, Timothy M.; Mahabaleshwarkar, Anand; Saunders, Eileen; Imber, Philip; Straight, Scott; Whitworth, Wayne
Subject: RE: E.ON Air Quality Control Study

Kyle,

Please provide a native format copy of your proposal. Please include an excel worksheet of your estimate with it as well. We would like to see resource x hours x billing rate by task by COB today.

I am out of my office all day today at the Trimble County Station, with spotty cell phone coverage. If you need to speak with me directly, drop me an email and I will phone you when I am available.

Thanks

Joe Clements
Project Engineering
Mgr. Contracts
Major Capital Projects
Mobile 502-724-9101
Work 502-627-2760

EON U.S.
820 West Broadway
Louisville, Ky 40202

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From: Whitworth, Wayne
To: Saunders, Eileen
Sent: 4/27/2010 2:47:01 PM
Subject: RE: E.ON Air Quality Control Study

I found it. Had it the B&M Folder

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Saunders, Eileen
Sent: Tuesday, April 27, 2010 2:25 PM
To: Whitworth, Wayne
Subject: Fw: E.ON Air Quality Control Study

Wayne,

You were copied on this yesterday but here is another copy. I will call you in a minute.

Thanks,

Eileen

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To: Clements, Joe
Cc: King, Michael L. (Mike) <kingml@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>; Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Saunders, Eileen; Imber, Philip; Straight, Scott; Whitworth, Wayne
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Thanks

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Project Engineering
Mgr. Contracts
Major Capital Projects
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EON U.S.
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Louisville, Ky 40202

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From: Lucas, Kyle J.
To: Whitworth, Wayne
CC: Clements, Joe; Saunders, Eileen; Abiecunas, Jason P.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 4/28/2010 1:18:04 PM
Subject: RE: Air Quality Control Study
Attachments: ArchiveInfo.htm

Wayne,

We have updated the spreadsheet with our responses to the four questions. Additionally, we have included an updated estimated cost spreadsheet for your consideration.

Please confirm that you have received this information and let me know if you have any additional questions.

Regards,
Kyle Lucas

Kyle Lucas | Environmental Permitting Manager
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From: Whitworth, Wayne [<mailto:Wayne.Whitworth@eon-us.com>]
Sent: Wednesday, April 28, 2010 9:15 AM
To: Lucas, Kyle J.
Cc: Clements, Joe; Saunders, Eileen
Subject: Air Quality Control Study

Kyle,

I am a Contract Administrator working with Joe Clements and Eileen Saunders in Project Engineering. We have reviewed your proposal with respect to the subject project and have several questions that need clarifying.

Please see the attached Excel Worksheet and respond to the four questions. Provide your response in the bidder column and return to me at your earliest. Your response by 1:00PM today will be appreciated and will help us make a decision in a timely manner.

Best regards,

<<Black & Veatch - Bid Question Tracking Log_4-28-2010.xlsx>>

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

Fax: 502.217.2843

Cell: 502.762.6614

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- Black Veatch - Bid Question Tracking Log_4-28-2010.xlsx
- EON AQC Cost 042810.xls

From: Lucas, Kyle J.
To: Whitworth, Wayne
CC: Clements, Joe; Saunders, Eileen; Abiecunas, Jason P.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 4/28/2010 1:22:32 PM
Subject: RE: E.ON Air Quality Control Study
Attachments: ArchiveInfo.htm

Wayne,
Attached is the Excel spreadsheet with B&V labor rates.

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Kyle Lucas

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From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Wednesday, April 28, 2010 9:29 AM
To: Lucas, Kyle J.
Subject: RE: E.ON Air Quality Control Study
Importance: High

Kyle,
I cannot seem to find page 5-2 , billable rate schedule, included in your proposal in native form. Can you please furnish this to me? The native document is blank on page 5-2.

Thanks

W. Wayne Whitworth
Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Monday, April 26, 2010 4:40 PM
To: Clements, Joe
Cc: King, Michael L. (Mike); Hillman, Timothy M.; Mahabaleshwarkar, Anand; Saunders, Eileen; Imber, Philip; Straight, Scott; Whitworth, Wayne
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Thanks

Joe Clements
Project Engineering

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- 2010 B&V Rate Sheet for AQCS Project.xls

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CC: Clements, Joe; Saunders, Eileen; Abiecunas, Jason P.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 4/28/2010 1:26:35 PM
Subject: RE: Air Quality Control Study

Thanks, Kyle. This confirms receipt of your email.

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
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Cell: 502.762.6614

From: Lucas, Kyle J. [mailto:Lucaskj@bv.com]
Sent: Wednesday, April 28, 2010 1:18 PM
To: Whitworth, Wayne
Cc: Clements, Joe; Saunders, Eileen; Abiecunas, Jason P.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Hillman, Timothy M.
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CC: Clements, Joe; Saunders, Eileen; Abiecunas, Jason P.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 4/28/2010 1:27:45 PM
Subject: RE: E.ON Air Quality Control Study

Thanks, Kyle. Information received.

W. Wayne Whitworth

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From: Lucas, Kyle J.
To: Whitworth, Wayne; Saunders, Eileen
CC: Clements, Joe; Abiecunas, Jason P.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 4/28/2010 5:37:12 PM
Subject: EON Air Quality Control Study

Wayne and Eileen,

Thank you for your call this afternoon. I want to reiterate that Black & Veatch is very interested in working together with E.ON on this assessment of your coal-fueled generation fleet. We strongly believe that we are best suited to support E.ON because of our past experience with your fleet, the breadth of our experience on air quality control projects in a variety of roles (consultant, engineer, and EPC Contractor), the the quality of engineering talent we can bring to this effort. Regarding your specific questions this afternoon, we offer the following:

- We understand that E.ON is requesting a brief summary of recommended air quality control options, capital costs, O&M costs, and high-level implementations schedules for at least 80% of the units by June 1. We believe that we can meet this schedule. However, we will review the level of effort required to address all 18 units once we have received E.ON's set of current emissions levels and forecast emissions requirements for regulatory compliance. Based on this list, we will confirm how many units can be delivered by this date and which units may require additional time.
- We understand your concern in controlling the cost of this study. Our approach on this project is to apply a highly qualified and senior engineering team to quickly evaluate the air quality control alternatives and cost at each of the 18 units included in the study. To provide the level of quality and responsiveness that you have come to expect from Black & Veatch within the aggressive schedule we think this is the best approach. Also note that the final cost of the study is directly related to the list of current emissions levels and forecast emissions requirements for regulatory compliance. The forecast of emissions requirements is directly related to the number of air quality control systems that will be evaluated and estimated. Without this information we have made a good faith estimate of the level of effort required for this study. There are also ways that we can reduce the cost of the study together by reducing the number of site visits performed or by eliminating the in-person kick-off meeting.

We appreciate your continued interest in working with Black & Veatch. Our team is ready to start work on this study immediately and we can begin work upon an e-mail notification of award of this study. We look forward to hearing from you and if you have any further questions, please contact me.

Regards,
Kyle Lucas

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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From: Whitworth, Wayne
To: 'Lucas, Kyle J.'; Saunders, Eileen
CC: Clements, Joe; Saunders, Eileen
Sent: 4/29/2010 10:26:57 AM
Subject: RE: EON Air Quality Control Study

Kyle,
Thanks, Kyle. I left you a voice message to discuss your email and clarify a couple of outstanding points.

Please contact me at your earliest convenience.

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Wednesday, April 28, 2010 5:37 PM
To: Whitworth, Wayne; Saunders, Eileen
Cc: Clements, Joe; Abiecunas, Jason P.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON Air Quality Control Study

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From: Lucas, Kyle J.
To: Whitworth, Wayne
CC: Clements, Joe; Saunders, Eileen; King, Michael L. (Mike)
Sent: 4/29/2010 11:09:45 AM
Subject: RE: Safety Checklist

Wayne,
I thought we had completed the safety checklist last year when we were updating the contract. I'll look into on this end and/or complete the document and get it back to you.

Thanks,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
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From: Whitworth, Wayne [<mailto:Wayne.Whitworth@eon-us.com>]
Sent: Thursday, April 29, 2010 9:52 AM
To: Lucas, Kyle J.
Cc: Clements, Joe; Saunders, Eileen
Subject: Safety Checklist
Importance: High

Kyle,

We are reviewing all proposals for the air quality control study and noticed that Black & Veatch has not completed a Safety and Health Questionnaire and Checklist.

Please complete the attached and return to me today. When you have a few minutes, give me a call.

Best regards <<contractor Safety Questionnaire.docx>>

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

Fax: 502.217.2843

Cell: 502.762.6614

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From: Saunders, Eileen
To: Voyles, John; Bowling, Ralph
CC: Straight, Scott; Clements, Joe
Sent: 4/30/2010 1:01:25 PM
Subject: Environmental Compliance Project Team Engineering Firm Selection

John and Ralph,

This note is to inform you that Black and Veatch has been selected to partner with us on the Environmental MTP/LTP effort. Joe's team will notify the other bidders once we receive the signed copies of the contract in our offices on Monday.

I have already discussed the initial key activities with B&V and they are as follows:

- **Week of May 3:** Initial Data Collection and Project Team Organization (*note: The plant proponents as well as individuals from Fuels, Environmental Affairs and Generation Services began the data collection process on April 29, 2010. A site to receive the information electronically is being set up by B&V.*)
- **Week of May 10:** Kickoff meeting will take place the afternoon of May 10, 2010 . Parallel site visits (two teams of three) will take place from May 11-14, 2010.

Lastly, the deliverable schedule in the contract supports the current MTP/LTP planning schedule.

If you have any other questions, please give me a call.

Thank you,

Eileen

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: O'Neal, Brian D.; Hillman, Timothy M.; King, Michael L. (Mike); Mahabaleshwarkar, Anand
Sent: 4/30/2010 3:11:25 PM
Subject: EON AQC Project - Kick-Off meeting 5/10 and site visits

Eileen,
Pending issuance of the contract today, we plan to attend the project kick-off meeting Monday 5/10 in Louisville at 1 pm eastern. At that time we anticipate discussing those issues relative the entire project and reserving site/unit specific issues for the site teams to discuss with the individual plants during their visits tentatively schedule for May 11, 12, and 13. At this time, we plan to have 2-4 B&V staff attend the kick-off meeting as the remainder of the team prepares for the site visits the following 3-days.

Some of the issues for the kick-off meeting:

- Discuss the project objectives, expectations, and constraints; and review the proposed Black & Veatch scope of services and schedule.
- High-level review the initial plant and unit information requested in Task 1 and what has been received.
- Discuss the existing and anticipated environmental regulations impact air emissions levels and future air quality control.
- Overall system-wide and high level unit specific considerations (i.e., unit shutdowns, fuel changes, AQC future upgrades outside of the study, etc.)
- Discuss project communication procedures and identify project team contacts for both E.ON and Black & Veatch. Determine how many copies of documents will be submitted. Discuss invoicing procedures.

Other topics can be developed next week as the project moves forward.

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
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Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
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From: Lucas, Kyle J.
To: Saunders, Eileen
CC: O'Neal, Brian D.; Hillman, Timothy M.; King, Michael L. (Mike); Mahabaleshwarkar, Anand
Sent: 4/30/2010 3:12:45 PM
Subject: EON AQC Project - Monday Conference Call

Eileen,
Based on our conversation this morning, I have set up a conference call with a few members of the team for you to discuss the scope, data request, upcoming kick-off meeting, and site visits.

Pending issuance of the contract, the call for Monday 5/3 can be held at 1 pm eastern (noon central). This was the time that the several of the group were available for a quick call on Monday. If this works for you B&V will initiate the call. If please let Brian O'Neal or Tim Hillman know and they'll coordinate another time during the week.

Also, it is critical that we receive EON's unit specific future regulation and emission compliance matrix. Also, we need an indication from you as to which plants you feel have critical AQC and constructability issues against this matrix so that we can appropriately schedule our staff for the site visits. It would also be helpful, based on your understanding of each plant's location, the most efficient order of plants to send the two teams for the visits.

Regards,
Kyle

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From: Saunders, Eileen
To: 'Lucas, Kyle J.'
CC: O'Neal, Brian D.; Hillman, Timothy M.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Revlett, Gary; Black, Greg
Sent: 4/30/2010 3:36:41 PM
Subject: RE: EON AQC Project - Monday Conference Call
Attachments: ArchiveInfo.htm

Kyle,

This time works for me. I will extend an invitation to a few others from our Environmental Affairs (Gary Revlett) and Environmental Compliance (Greg Black) department. Enclosed, please find the matrix and informational document you refer to in your email. We can discuss any questions you may have regarding the documents as well.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Friday, April 30, 2010 3:13 PM
To: Saunders, Eileen
Cc: O'Neal, Brian D.; Hillman, Timothy M.; King, Michael L. (Mike); Mahabaleshwarkar, Anand
Subject: EON AQC Project - Monday Conference Call

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The following attachments were archived from this message:

- Generation Future Environmental Requirements.xlsx
- Generation 2011 MTP Environmental Considerations (els copy).pptx

From: King, Michael L. (Mike)
To: Saunders, Eileen
CC: Lucas, Kyle J.; Hillman, Timothy M.
Sent: 4/30/2010 3:45:57 PM
Subject: FW: EON Air Quality Control Study

We are good to go

Mike King, P.E.
Regional General Manager
Black & Veatch
3550 Green Court
Ann Arbor, MI. 48105
Phone: (734) 622-8516
Fax: (734) 622-8700
e-mail: kingml@bv.com

Building a World of Difference

From: Voyles, John [mailto:John.Voyles@eon-us.com]
Sent: Friday, April 30, 2010 3:34 PM
To: Lucas, Kyle J.
Cc: King, Michael L. (Mike); Hillman, Timothy M.; O'Neal, Brian D.
Subject: Re: EON Air Quality Control Study

Kyle et. al.

I am fine with your use of the previous data for this effort.

John V.

From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Voyles, John
Cc: King, Michael L. (Mike) <kingml@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>; O'Neal, Brian D. <O'NealBD@bv.com>
Sent: Fri Apr 30 14:21:49 2010
Subject: RE: EON Air Quality Control Study

John,
I will be on vacation next week. If you approve the use of the due diligence data, please copy those on the CC: line.

Thanks,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
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Phone: (913) 458-9062 | Fax: (913) 458-9062
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J.
30, 2010 7:22 AM
John.voyles@eon-us.com)
L. (Mike); Hillman, Timothy M.
Air Quality Control Study

John,

As you know we have bid on the EON AQC study to assess control equipment on the fleet's 18 coal-fired units. We believe we are well positioned to assist EON with this study. The project has a aggressive schedule, and should we be awarded the project, we would like to move quickly to review in-house project data. Due to the confidential nature of the due diligence work in 2008 and the two updates in 2009 and 2010, I would like to request your authorization to use this information on future EON studies.

Please feel free to contact me with questions.

Regards,
Kyle

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From: Saunders, Eileen
To: 'King, Michael L. (Mike)'
CC: Lucas, Kyle J.; Hillman, Timothy M.
Sent: 4/30/2010 3:54:37 PM
Subject: RE: EON Air Quality Control Study

Mike,

Excellent! Does access to this information change what data you immediately need from E.ON (section 2.1 Task 1)? I have groups of people gathering that information and I don't want them to have to do unnecessary work. Let me know.

Thanks,

Eileen

From: King, Michael L. (Mike) [mailto:kingml@bv.com]
Sent: Friday, April 30, 2010 3:46 PM
To: Saunders, Eileen
Cc: Lucas, Kyle J.; Hillman, Timothy M.
Subject: FW: EON Air Quality Control Study

We are good to go

Mike King, P.E.
Regional General Manager
Black & Veatch
3550 Green Court
Ann Arbor, MI. 48105
Phone: (734) 622-8516
Fax: (734) 622-8700
e-mail: kingml@bv.com

Building a World of Difference

From: Voyles, John [mailto:John.Voyles@eon-us.com]
Sent: Friday, April 30, 2010 3:34 PM
To: Lucas, Kyle J.
Cc: King, Michael L. (Mike); Hillman, Timothy M.; O'Neal, Brian D.
Subject: Re: EON Air Quality Control Study

Kyle et. al.

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From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Voyles, John
Cc: King, Michael L. (Mike) <kingml@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>; O'Neal, Brian D. <ONealBD@bv.com>
Sent: Fri Apr 30 14:21:49 2010
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30, 2010 7:22 AM
John.voyles@eon-us.com)
L. (Mike); Hillman, Timothy M.
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Please feel free to contact me with questions.

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From: King, Michael L. (Mike)
To: Saunders, Eileen
CC: Lucas, Kyle J.; Hillman, Timothy M.
Sent: 4/30/2010 4:06:10 PM
Subject: RE: EON Air Quality Control Study

We will be looking at and will let you know. Mike

Mike King, P.E.
Regional General Manager
Black & Veatch
3550 Green Court
Ann Arbor, MI. 48105
Phone: (734) 622-8516
Fax: (734) 622-8700
e-mail: kingml@bv.com

Building a World of Difference

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, April 30, 2010 3:55 PM
To: King, Michael L. (Mike)
Cc: Lucas, Kyle J.; Hillman, Timothy M.
Subject: RE: EON Air Quality Control Study

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Eileen

From: King, Michael L. (Mike) [mailto:kingml@bv.com]
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Building a World of Difference

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Subject: Re: EON Air Quality Control Study

Kyle et. al.

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John V.

From: Lucas, Kyle J. <Lucaskj@bv.com>
To: Voyles, John
Cc: King, Michael L. (Mike) <kingml@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>; O'Neal, Brian D. <ONealBD@bv.com>
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J.
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John.voyles@eon-us.com
L. (Mike); Hillman, Timothy M.
Air Quality Control Study

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From: Lucas, Kyle J.
To: Saunders, Eileen
CC: O'Neal, Brian D.; Hillman, Timothy M.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Revlett, Gary; Black, Greg
Sent: 4/30/2010 4:48:51 PM
Subject: RE: EON AQC Project - Monday Conference Call

Eileen,
Also, for the call Monday can you determine what specific Health and Safety training each team may be required to complete before getting to the site or at the site. If there is site training, the contact for each site. Also, what safety equipment they will need to bring and what will be available at the site.

Thanks,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, April 30, 2010 2:37 PM
To: Lucas, Kyle J.
Cc: O'Neal, Brian D.; Hillman, Timothy M.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Revlett, Gary; Black, Greg
Subject: RE: EON AQC Project - Monday Conference Call

Kyle,

This time works for me. I will extend an invitation to a few others from our Environmental Affairs (Gary Revlett) and Environmental Compliance (Greg Black) department. Enclosed, please find the matrix and informational document you refer to in your email. We can discuss any questions you may have regarding the documents as well.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Friday, April 30, 2010 3:13 PM
To: Saunders, Eileen
Cc: O'Neal, Brian D.; Hillman, Timothy M.; King, Michael L. (Mike); Mahabaleshwarkar, Anand

Subject: EON AQC Project - Monday Conference Call

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From: Saunders, Eileen
To: 'LucasKJ@bv.com'
CC: 'ONealBD@bv.com'; 'HillmanTM@bv.com'; 'kingml@bv.com'; 'MahabaleshwarkarA@bv.com'; Revlett, Gary; Black, Greg
Sent: 4/30/2010 4:51:15 PM
Subject: Re: EON AQC Project - Monday Conference Call

Will do.

From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Saunders, Eileen
Cc: O'Neal, Brian D. <ONealBD@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>; King, Michael L. (Mike) <kingml@bv.com>; Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Revlett, Gary; Black, Greg
Sent: Fri Apr 30 16:48:51 2010
Subject: RE: EON AQC Project - Monday Conference Call

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From: Saunders, Eileen
To: Hance, Chuck
Sent: 4/30/2010 4:56:02 PM
Subject: Fw: EON AQC Project - Monday Conference Call

Can you help me with this on Monday morning?

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From: Hance, Chuck
To: Saunders, Eileen
Sent: 4/30/2010 4:57:30 PM
Subject: Re: EON AQC Project - Monday Conference Call

I can early Monday. I need to leave at about 10 for an off site meeting. Thanks, Chuck
Chuck Hance

From: Saunders, Eileen
To: Hance, Chuck
Sent: Fri Apr 30 16:56:02 2010
Subject: Fw: EON AQC Project - Monday Conference Call

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From: Voyles, John
To: Saunders, Eileen; Bowling, Ralph
CC: Straight, Scott; Clements, Joe
Sent: 5/3/2010 8:09:28 AM
Subject: RE: Environmental Compliance Project Team Engineering Firm Selection

Eileen,

B&V had done some engineering assessment work for me over the last 2 years. Kyle Lucas requested permission from on Friday last week to use that data set as well in this work. I agreed it was okay as it will likely help them move faster for us.

JV

From: Saunders, Eileen
Sent: Friday, April 30, 2010 1:01 PM
To: Voyles, John; Bowling, Ralph
Cc: Straight, Scott; Clements, Joe
Subject: Environmental Compliance Project Team Engineering Firm Selection

John and Ralph,

This note is to inform you that Black and Veatch has been selected to partner with us on the Environmental MTP/LTP effort. Joe's team will notify the other bidders once we receive the signed copies of the contract in our offices on Monday.

I have already discussed the initial key activities with B&V and they are as follows:

- **Week of May 3:** Initial Data Collection and Project Team Organization (*note: The plant proponents as well as individuals from Fuels, Environmental Affairs and Generation Services began the data collection process on April 29, 1010. A site to receive the information electronically is being set up by B&V.*)
- **Week of May 10:** Kickoff meeting will take place the afternoon of May 10, 2010 . Parallel site visits (two teams of three) will take place from May 11-14, 2010.

Lastly, the deliverable schedule in the contract supports the current MTP/LTP planning schedule.

If you have any other questions, please give me a call.

Thank you,

Eileen

From: Saunders, Eileen
To: Voyles, John
Sent: 5/3/2010 8:11:00 AM
Subject: RE: Environmental Compliance Project Team Engineering Firm Selection

John,

Thank you!

Eileen

From: Voyles, John
Sent: Monday, May 03, 2010 8:09 AM
To: Saunders, Eileen; Bowling, Ralph
Cc: Straight, Scott; Clements, Joe
Subject: RE: Environmental Compliance Project Team Engineering Firm Selection

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To: Saunders, Eileen
Sent: 5/3/2010 8:33:47 AM
Subject: RE: EON AQC Project - Monday Conference Call

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From: Saunders, Eileen
To: King, Michael L. (Mike)
CC: 'Lucas, Kyle J.'
Sent: 5/3/2010 9:02:30 AM
Subject: FW: EON AQC Project - Monday Conference Call

Mike,

Kyle asked me to provide clarity regarding safety requirements at the sites. Please see the information below from our Safety Manager and let me know if you have any questions.

Thank you,

Eileen

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Subject: RE: EON AQC Project - Monday Conference Call

Kyle,

This time works for me. I will extend an invitation to a few others from our Environmental Affairs (Gary Revlett) and Environmental Compliance (Greg Black) department. Enclosed, please find the matrix and informational document you refer to in your email. We can discuss any questions you may have regarding the documents as well.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Friday, April 30, 2010 3:13 PM
To: Saunders, Eileen
Cc: O'Neal, Brian D.; Hillman, Timothy M.; King, Michael L. (Mike); Mahabaleshwarkar, Anand
Subject: EON AQC Project - Monday Conference Call

Eileen,
Based on our conversation this morning, I have set up a conference call with a few members of the team for you to discuss the scope, data request, upcoming kick-off meeting, and site visits.

Pending issuance of the contract, the call for Monday 5/3 can be held at 1 pm eastern (noon central). This was the time that the several of the group were available for a quick call on Monday. If this works for you B&V will initiate the call. If please let Brian O'Neal or Tim Hillman know and they'll coordinate another time during the week.

Also, it is critical that we receive EON's unit specific future regulation and emission compliance matrix. Also, we need an indication from you as to which plants you feel have critical AQC and constructability issues against this matrix so that we can appropriately schedule our staff for the site visits. It would also be helpful, based on your understanding of each plant's location, the most efficient order of plants to send the two teams for the visits.

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: O'Neal, Brian D.; King, Michael L. (Mike); Mahabaleshwarkar, Anand; Lucas, Kyle J.
Sent: 5/3/2010 6:16:43 PM
Subject: EON AQC Project - Initial Action Items from 5/3/10 Pre-Kickoff Conference Call
Attachments: ArchiveInfo.htm

Eileen,

As we discussed in our conference call this afternoon, please find attached a few of the initial action items.

- Draft template for the Environmental Requirements Matrix. The green highlighted columns will be calculated and estimated by B&V. EON's input is requested in the other columns.
- Data Request Information Sheet. The yellow highlighted items denote the most critical information.
- Names and disciplines of the site visit personnel.

Regards,

Tim Hillman | Senior Air Quality Scientist

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue

Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- AQCS Fleetwide Compliance Matrix B&V May 3 2010.xls
- Black & Veatch Site Visit Teams May 3 2010.xls
- EON Power Plant AQCS Information Data Request May 3 2010.xls

From: Saunders, Eileen
To: Lively, Noel; Gregory, Ronald
CC: Clements, Joe; Jones, Greg
Sent: 5/5/2010 2:19:23 PM
Subject: Environmental Compliance Effort- Site Visits

Noel and Ron,

I have been asked to lead a fast tracked effort to quantify the future environmental regulatory impact on all coal-fired units in the fleet in time for entry in the 2010 MTP/LTP process. As part of that effort, Black and Veatch will be conducting site visits to gather additional data and meet with plant proponents.

For Brown, may I have a coordinator escort B&V on 5/13? For TC, may I have someone escort on 5/12? If you have a knowledgeable co-op, they would work fine as well.

Lastly, I have the other plants covered but need help at Mill Creek. Noel, would you be willing to let me borrow Bill Moehrke for one day, 5/12, to escort B&V at MC?

I have not communicated the site specifics to the plant yet as I wanted to check with you two and make sure I can use a few members of your team.

Please let me know the availability of the coordinators/co-ops as soon as possible so I can include them on the emails I send to the plant.

Thank you,

Eileen

From: Gregory, Ronald
To: Saunders, Eileen
CC: Williams, John
Sent: 5/5/2010 2:31:44 PM
Subject: RE: Environmental Compliance Effort- Site Visits

Eileen,

We will make someone to be available to work with B&V on 5/13. When you find out, let us know who to expect, what time they are coming and how long they expect to be here.

Ronald Gregory

From: Saunders, Eileen
Sent: Wednesday, May 05, 2010 2:19 PM
To: Lively, Noel; Gregory, Ronald
Cc: Clements, Joe; Jones, Greg
Subject: Environmental Compliance Effort- Site Visits

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Thank you,

Eileen

From: Lively, Noel
To: Moehrke, William
CC: Saunders, Eileen
Sent: 5/5/2010 2:40:21 PM
Subject: FW: Environmental Compliance Effort- Site Visits

Bill,

Can you escort at TC and MC for Eileen?

Noel

From: Saunders, Eileen
Sent: Wednesday, May 05, 2010 2:19 PM
To: Lively, Noel; Gregory, Ronald
Cc: Clements, Joe; Jones, Greg
Subject: Environmental Compliance Effort- Site Visits

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Thank you,

Eileen

From: Moehrke, William
To: Lively, Noel
CC: Saunders, Eileen
Sent: 5/5/2010 3:08:36 PM
Subject: RE: Environmental Compliance Effort- Site Visits

Noel:
I will be glad to help out anyway I can. Do you know what time the MC visit is. TC and MC are on the same day.

Bill Moehrke

EON-US Project Engineering
Trimble County Unit 2
Project Coordinator
Office 502-627-6369
Pager 502-332-1505
Mobile 502-741-5987
Fax 502-217-2403
william.moehrke@eon-us.com

From: Lively, Noel
Sent: Wednesday, May 05, 2010 2:40 PM
To: Moehrke, William
Cc: Saunders, Eileen
Subject: FW: Environmental Compliance Effort- Site Visits

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Thank you,

Eileen

From: Saunders, Eileen
To: Moehrke, William; Lively, Noel
Sent: 5/5/2010 3:09:08 PM
Subject: RE: Environmental Compliance Effort- Site Visits

Bill,

Please give me a call and we will coordinate on 627-2431.

Thanks,

Eileen

From: Moehrke, William
Sent: Wednesday, May 05, 2010 3:09 PM
To: Lively, Noel
Cc: Saunders, Eileen
Subject: RE: Environmental Compliance Effort- Site Visits

Noel:
I will be glad to help out anyway I can. Do you know what time the MC visit is. TC and MC are on the same day.

Bill Moehrke

EON-US Project Engineering
Trimble County Unit 2
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william.moehrke@eon-us.com

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Thank you,

Eileen

From: Saunders, Eileen
To: Hensley, Mike; Nix, Stephen; Piening, Carla; Carman, Barry; Pabian, Brad; Turner, Haley; Harper, Travis; Stevens, Michael; Koller, Tiffany
CC: Crutcher, Tom; Fraley, Jeffrey; Kirkland, Mike; Joyce, Jeff; Turner, Steven; Troost, Tom; Straight, Scott
Sent: 5/5/2010 4:45:21 PM
Subject: Environmental Compliance Team -Site Visits

All,

In support of the Environmental Compliance Effort, Black and Veatch has asked to visit the sites. They will have two teams consisting of three people, each visiting one site per day. Each team will be accompanied by either a Project Coordinator, or another representative of Project Engineering. They will need make contact with the plant representatives when they arrive but all logistics will be worked out on Monday. For now, here is the schedule:

Team 1: Cane Run (5/11), Mill Creek (5/12) and Green River (5/13)

Team 2: Ghent (5/11), Trimble (5/12) and Brown (5/13)

We will discuss the specifics during our site meeting but please contact me if you have any questions.

Also, I will be sending out an Agenda for the site meeting and one of the items is to review what data has been submitted and what information is outstanding. Please come prepared to discuss where you are with your data gathering efforts.

Thank you,

Eileen

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand
Sent: 5/7/2010 10:44:16 AM
Subject: RE: Compliance Matrix

Thank you Eileen.

Tim Hillman | Senior Air Quality Scientist
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, May 07, 2010 9:08 AM
To: Mahabaleshwarkar, Anand
Cc: Hillman, Timothy M.; Revlett, Gary; Black, Greg
Subject: FW: Compliance Matrix

Anand,

Please see the Compliance Matrix with our environmental data entered by Gary. Greg and his team are working on the emission data as indicated below.

Thank you,

Eileen

From: Revlett, Gary
Sent: Thursday, May 06, 2010 4:40 PM
To: Saunders, Eileen; Black, Greg
Subject: RE: Compliance Matrix

Eileen & Greg,

I have enter in Columns J through P the information that I have for all the coal units. This data is provided in the attached spreadsheets. What is still missing is the emission data for SO₂, NO_x and PM. This information would logically come from our CEM data or the average of recent stack test for PM. It's my understanding that Greg is working on putting together this data. If you have any questions, let me know.

Thanks,

Gary

<<AQCS Fleetwide Compliance Matrix BV May 3 2010 (GHR).xls>>

From: Saunders, Eileen
Sent: Wednesday, May 05, 2010 11:37 AM

To: Revlett, Gary; Black, Greg
Subject: FW: Compliance Matrix

Gary and Greg,

From checking your calendars, I see you are both in training until Friday. Can you please assign someone from your group to help complete sections J-P of this compliance matrix? Please let me know who will be working on it so I can ensure that the matrix gets populated by close of business on Friday.

Thank you,

Eileen

From: Saunders, Eileen
Sent: Tuesday, May 04, 2010 1:45 PM
To: Revlett, Gary; Black, Greg
Subject: Compliance Matrix

Gary and Greg,

My apologies for not sending this earlier today. I did not realize it was attached to an email Tim sent me last night. Please take a look at this matrix and then we can discuss.

Thanks,

Eileen

<< File: AQCS Fleetwide Compliance Matrix B&V May 3 2010.xls >>

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Lucas, Kyle J.
Sent: 5/7/2010 11:30:04 AM
Subject: RE: Conference Call

We can provide one if you like. I haven't set up the meeting schedule yet, as our first weekly call is not until the 17th.

Can I assume you will have copies of the agenda and environmental matrix for distribution during the kickoff meeting?

Regards,

Tim Hillman | Senior Air Quality Scientist

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue

Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, May 07, 2010 10:22 AM
To: Hillman, Timothy M.
Subject: Conference Call

Tim,

Do we have a dial-in number for our weekly call at 2 pm (eastern)? I don't suspect it will take long but I would like for us to touch base. I believe you mentioned that you, Anand, Kyle and Mike would participate.

Thank you,

Eileen

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From: Saunders, Eileen
To: 'Hillman, Timothy M.'
CC: Lucas, Kyle J.
Sent: 5/7/2010 2:43:12 PM
Subject: RE: Conference Call

Tim,

I will have copies of the agenda. In the email below, are you referring to the environmental matrix we sent to you, the AQCS spreadsheet or the matrix Anand provided us? Please note, the plants are completing the AQCS Information Needs spreadsheet you sent us and are uploading it to the individual folders. The spreadsheet Anand sent titled, "Compliance Matrix" requests similar information only in a different format.

Our fuels, environmental and planning departs have been uploading information that can be used to populate the sheet and the plants have been sending in their information on the AQCS sheet. My thought is that B&V is taking that information and populating the "Compliance Matrix". Please verify this assumption as I do not have the resources to sort through all of the individual submittals and populate the spreadsheet. I can however, make sure you have the information you need to for that document.

Please let me know which matrix you are referring to as soon as possible.

Thank you,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, May 07, 2010 11:30 AM
To: Saunders, Eileen
Cc: Lucas, Kyle J.
Subject: RE: Conference Call

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Thank you,

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From: Mahabaleshwarkar, Anand
To: Saunders, Eileen; Revlett, Gary
CC: Hillman, Timothy M.; Lucas, Kyle J.; Black, Greg
Sent: 5/7/2010 3:05:40 PM
Subject: RE: Load vs. Emissions Graphs

Eileen:
We will need to know the uncontrolled emissions to each AQC technology to start our analysis (this Column is 'Must have'). This can be collected by E.ON engineers from the design manuals for each unit's AQC equipment as the inlet emissions value to that particular AQC box. The total pollutant removed will be calculated from these numbers. I understand that you may not be tracking it.

Thanks

Anand Mahabaleshwarkar
Air Quality Control Section Lead
Black & Veatch Corporation
(913) 458-7736
mahabaleshwarkara@bv.com
(913) 558-7003 Cell

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, May 07, 2010 1:55 PM
To: Mahabaleshwarkar, Anand
Cc: Hillman, Timothy M.; Lucas, Kyle J.; Black, Greg; Revlett, Gary
Subject: FW: Load vs. Emissions Graphs

Anand,

I received these emissions graphs from Greg's group this afternoon and I believe they will be helpful to you. His team is in the process of completing column "N" on the Compliance Matrix but they wanted me to communicate to you that they typically do not track Uncontrolled Emissions. Therefore, they will not be able to complete column "L". If you have any questions, please email Greg directly and copy me on the email.

Thank you,

Eileen

From: Piening, Donald
Sent: Friday, May 07, 2010 2:06 PM
To: Saunders, Eileen
Cc: Black, Greg
Subject: Load vs. Emissions Graphs

Eileen,

Attached are the Emission graphs for Load vs. CO2Tons/HR, SO2lbs/HR, and NOXlbs/mmBtu.

Let me know if this is what you need.

<<ME v Load Graphs.pdf>>

Donald Piening

Team Leader – Environmental Compliance

E.ON U.S. Services Inc.

502-347-4188 Office

502-523-1760 Mobile

502-217-2634 Fax

donald.piening@eon-us.com

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From: Saunders, Eileen
To: 'Mahabaleshwarkar, Anand'; Revlett, Gary
CC: Hillman, Timothy M.; Lucas, Kyle J.; Black, Greg
Sent: 5/7/2010 3:08:18 PM
Subject: RE: Load vs. Emissions Graphs

I will discuss this with the team.

Thank you,

Eileen

From: Mahabaleshwarkar, Anand [mailto:MahabaleshwarkarA@bv.com]
Sent: Friday, May 07, 2010 3:06 PM
To: Saunders, Eileen; Revlett, Gary
Cc: Hillman, Timothy M.; Lucas, Kyle J.; Black, Greg
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From: Saunders, Eileen
To: Black, Greg
Sent: 5/7/2010 3:10:17 PM
Subject: FW: Load vs. Emissions Graphs

Greg or Gary,

Any thoughts on Anand's comments?

Eileen

From: Mahabaleshwarkar, Anand [mailto:MahabaleshwarkarA@bv.com]
Sent: Friday, May 07, 2010 3:06 PM
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Donald Piening

Team Leader – Environmental Compliance

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502-217-2634 Fax

donald.piening@eon-us.com

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Eileen:
I appreciate your effort.

Anand

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Sent: Friday, May 07, 2010 2:08 PM
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From: Mahabaleshwarkar, Anand [mailto:MahabaleshwarkarA@bv.com]
Sent: Friday, May 07, 2010 3:06 PM
To: Saunders, Eileen; Revlett, Gary
Cc: Hillman, Timothy M.; Lucas, Kyle J.; Black, Greg
Subject: RE: Load vs. Emissions Graphs

Eileen:
We will need to know the uncontrolled emissions to each AQC technology to start our analysis (this Column is 'Must have'). This can be collected by E.ON engineers from the design manuals for each unit's AQC equipment as the inlet emissions value to that particular AQC box. The total pollutant removed will be calculated from these numbers. I understand that you may not be tracking it.

Thanks

Anand Mahabaleshwarkar
Air Quality Control Section Lead
Black & Veatch Corporation
(913) 458-7736
mahabaleshwarkara@bv.com
(913) 558-7003 Cell

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, May 07, 2010 1:55 PM
To: Mahabaleshwarkar, Anand
Cc: Hillman, Timothy M.; Lucas, Kyle J.; Black, Greg; Revlett, Gary
Subject: FW: Load vs. Emissions Graphs

Anand,

I received these emissions graphs from Greg's group this afternoon and I believe they will be helpful to you. His

team is in the process of completing column "N" on the Compliance Matrix but they wanted me to communicate to you that they typically do not track Uncontrolled Emissions. Therefore, they will not be able to complete column "L". If you have any questions, please email Greg directly and copy me on the email.

Thank you,

Eileen

From: Piening, Donald
Sent: Friday, May 07, 2010 2:06 PM
To: Saunders, Eileen
Cc: Black, Greg
Subject: Load vs. Emissions Graphs

Eileen,

Attached are the Emission graphs for Load vs. CO2Tons/HR, SO2lbs/HR, and NOXlbs/mmBtu.

Let me know if this is what you need.

<<ME v Load Graphs.pdf>>

Donald Piening

Team Leader – Environmental Compliance

E.ON U.S. Services Inc.

502-347-4188 Office

502-523-1760 Mobile

502-217-2634 Fax

donald.piening@eon-us.com

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Lucas, Kyle J.; Mahabaleshwarkar, Anand
Sent: 5/7/2010 3:36:00 PM
Subject: RE: Conference Call
Attachments: ArchiveInfo.htm

Eileen,

Sorry for the confusion, I was simply referring to the latest version of the compliance matrix you sent (see attached).

Regards,

Tim Hillman | Senior Air Quality Scientist
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, May 07, 2010 1:43 PM
To: Hillman, Timothy M.
Cc: Lucas, Kyle J.
Subject: RE: Conference Call

Tim,

I will have copies of the agenda. In the email below, are you referring to the environmental matrix we sent to you, the AQCS spreadsheet or the matrix Anand provided us? Please note, the plants are completing the AQCS Information Needs spreadsheet you sent us and are uploading it to the individual folders. The spreadsheet Anand sent titled, "Compliance Matrix" requests similar information only in a different format.

Our fuels, environmental and planning departs have been uploading information that can be used to populate the sheet and the plants have been sending in their information on the AQCS sheet. My thought is that B&V is taking that information and populating the "Compliance Matrix". Please verify this assumption as I do not have the resources to sort through all of the individual submittals and populate the spreadsheet. I can however, make sure you have the information you need to for that document.

Please let me know which matrix you are referring to as soon as possible.

Thank you,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, May 07, 2010 11:30 AM
To: Saunders, Eileen
Cc: Lucas, Kyle J.
Subject: RE: Conference Call

We can provide one if you like. I haven't set up the meeting schedule yet, as our first weekly call is not until the 17th.

Can I assume you will have copies of the agenda and environmental matrix for distribution during the kickoff meeting?

Regards,

Tim Hillman | Senior Air Quality Scientist

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]

Sent: Friday, May 07, 2010 10:22 AM

To: Hillman, Timothy M.

Subject: Conference Call

Tim,

Do we have a dial-in number for our weekly call at 2 pm (eastern)? I don't suspect it will take long but I would like for us to touch base. I believe you mentioned that you, Anand, Kyle and Mike would participate.

Thank you,

Eileen

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The following attachments were archived from this message:

- FW: Compliance Matrix

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
Sent: 5/7/2010 3:43:39 PM
Subject: RE: Conference Call

Tim,

Understood, but are you guys filling it out as you receive the data from our various groups? I agree that you expect us to provide the inputs (as reflected in your previous emails), but it does not make sense to me that we upload the information and then have to sort through it to populate the spreadsheet.

For people like Gary and Greg, it is easy for them to populate their data on the spreadsheet because they are a centralized work group that keeps this information for the fleet. Each plant is already completing the AQCS sheet and sending it to B&V. I have not pulled data from each of their submittals in order to populate the Compliance Matrix thinking that B&V was compiling the data. Likewise, Delbert sent in the fuel data. I did not plan to go through his information to put that information on the spreadsheet.

In short, if you would like me to have copies of the Compliance Matrix ready for the meeting, please send me what you have done to date and I will have it ready to go for Monday. If you submit it early Monday morning, I can still have it ready in time for our discussion.

Sincerely,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, May 07, 2010 3:36 PM
To: Saunders, Eileen
Cc: Lucas, Kyle J.; Mahabaleshwarkar, Anand
Subject: RE: Conference Call

Eileen,

Sorry for the confusion, I was simply referring to the latest version of the compliance matrix you sent (see attached).

Regards,

Tim Hillman | Senior Air Quality Scientist

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue

Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, May 07, 2010 1:43 PM
To: Hillman, Timothy M.
Cc: Lucas, Kyle J.
Subject: RE: Conference Call

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Needs spreadsheet you sent us and are uploading it to the individual folders. The spreadsheet Anand sent titled, "Compliance Matrix" requests similar information only in a different format.

Our fuels, environmental and planning departs have been uploading information that can be used to populate the sheet and the plants have been sending in their information on the AQCS sheet. My thought is that B&V is taking that information and populating the "Compliance Matrix". Please verify this assumption as I do not have the resources to sort through all of the individual submittals and populate the spreadsheet. I can however, make sure you have the information you need to for that document.

Please let me know which matrix you are referring to as soon as possible.

Thank you,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
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To: Saunders, Eileen
Cc: Lucas, Kyle J.
Subject: RE: Conference Call

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Regards,

Tim Hillman | Senior Air Quality Scientist
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, May 07, 2010 10:22 AM
To: Hillman, Timothy M.
Subject: Conference Call

Tim,

Do we have a dial-in number for our weekly call at 2 pm (eastern)? I don't suspect it will take long but I would like for us to touch base. I believe you mentioned that you, Anand, Kyle and Mike would participate.

Thank you,

Eileen

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From: Hillman, Timothy M.
To: Saunders, Eileen; Lawson, Stacy J.
CC: Mahabaleshwarkar, Anand; Lucas, Kyle J.
Sent: 5/7/2010 4:14:07 PM
Subject: FW: EON Ghent reports on IBackup - INVALID

Eileen,

Related to the conversation we just had, I just noticed this email from the Project's Administrative Assistant (Stacy Lawson) that the Geotechnical information that was uploaded was in the form of an email that had an embedded link that is not valid, and could not be download.

Stacy, please advise which facility(s) this was for.

Thanks,

Tim Hillman | Senior Air Quality Scientist

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue

Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

From: Lawson, Stacy J.
Sent: Thursday, May 06, 2010 3:54 PM
To: Hillman, Timothy M.
Cc: Lawson, Stacy J.
Subject: EON Ghent reports on IBackup - INVALID

Please notify them that the content provided via IBackup for the Geotechnical reports was in the form of email messages containing a "htm" file extension which is invalid.

Thanks-

Stacy Lawson
Project Support, Power Generation Services
Black & Veatch Corporation
11401 Lamar Ave, Overland Park, KS 66211
tel/fax (913) 458-2801 lawsonsj@bv.com
Building a World of Difference™

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From: Moehrke, William
To: Saunders, Eileen
Sent: 5/7/2010 4:51:43 PM
Subject: RE: Environmental Compliance Effort- Site Visits

Eileen:

I haven't heard anything back from you about Tues. Have you gotten that information yet.

Bill Moehrke

EON-US Project Engineering
Trimble County Unit 2
Project Coordinator
Office 502-627-6369
Pager 502-332-1505
Mobile 502-741-5987
Fax 502-217-2403

william.moehrke@eon-us.com

From: Saunders, Eileen
Sent: Wednesday, May 05, 2010 3:09 PM
To: Moehrke, William; Lively, Noel
Subject: RE: Environmental Compliance Effort- Site Visits

Bill,

Please give me a call and we will coordinate on 627-2431.

Thanks,

Eileen

From: Moehrke, William
Sent: Wednesday, May 05, 2010 3:09 PM
To: Lively, Noel
Cc: Saunders, Eileen
Subject: RE: Environmental Compliance Effort- Site Visits

Noel:

I will be glad to help out anyway I can. Do you know what time the MC visit is. TC and MC are on the same day.

Bill Moehrke

EON-US Project Engineering
Trimble County Unit 2
Project Coordinator
Office 502-627-6369
Pager 502-332-1505
Mobile 502-741-5987
Fax 502-217-2403

william.moehrke@eon-us.com

From: Lively, Noel
Sent: Wednesday, May 05, 2010 2:40 PM
To: Moehrke, William
Cc: Saunders, Eileen
Subject: FW: Environmental Compliance Effort- Site Visits

Bill,

Can you escort at TC and MC for Eileen?

Noel

From: Saunders, Eileen
Sent: Wednesday, May 05, 2010 2:19 PM
To: Lively, Noel; Gregory, Ronald
Cc: Clements, Joe; Jones, Greg
Subject: Environmental Compliance Effort- Site Visits

Noel and Ron,

I have been asked to lead a fast tracked effort to quantify the future environmental regulatory impact on all coal-fired units in the fleet in time for entry in the 2010 MTP/LTP process. As part of that effort, Black and Veatch will be conducting site visits to gather additional data and meet with plant proponents.

For Brown, may I have a coordinator escort B&V on 5/13? For TC, may I have someone escort on 5/12? If you have a knowledgeable co-op, they would work fine as well.

Lastly, I have the other plants covered but need help at Mill Creek. Noel, would you be willing to let me borrow Bill Moehrke for one day, 5/12, to escort B&V at MC?

I have not communicated the site specifics to the plant yet as I wanted to check with you two and make sure I can use a few members of your team.

Please let me know the availability of the coordinators/co-ops as soon as possible so I can include them on the emails I send to the plant.

Thank you,

Eileen

From: Lawson, Stacy J.
To: Hillman, Timothy M.; Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Lucas, Kyle J.
Sent: 5/7/2010 4:22:27 PM
Subject: RE: EON Ghent reports on IBackup - INVALID
Attachments: ArchiveInfo.htm

The Ghent facility. Attached are the documents provided.

Stacy Lawson
913-458-2801

From: Hillman, Timothy M.
Sent: Friday, May 07, 2010 3:14 PM
To: Saunders, Eileen; Lawson, Stacy J.
Cc: Mahabaleshwarkar, Anand; Lucas, Kyle J.
Subject: FW: EON Ghent reports on IBackup - INVALID

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Stacy, please advise which facility(s) this was for.

Thanks,

Tim Hillman | Senior Air Quality Scientist
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Lawson, Stacy J.
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- FW: Ghent Unit 3 FGD soils report
- Draft Soils Report for Unit 1 FGD Project

From: Saunders, Eileen
To: Moehrke, William
Sent: 5/7/2010 5:11:01 PM
Subject: Re: Environmental Compliance Effort- Site Visits

We won't know for sure until Monday but please plan on reporting to Mill Creek that morning.

Thanks,

Eileen

From: Moehrke, William
To: Saunders, Eileen
Sent: Fri May 07 16:51:42 2010
Subject: RE: Environmental Compliance Effort- Site Visits

Eileen:

I haven't heard anything back from you about Tues. Have you gotten that information yet.

Bill Moehrke

EON-US Project Engineering
Trimble County Unit 2
Project Coordinator
Office 502-627-6369
Pager 502-332-1505
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Noel

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To: Lively, Noel; Gregory, Ronald
Cc: Clements, Joe; Jones, Greg
Subject: Environmental Compliance Effort- Site Visits

Noel and Ron,

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I have not communicated the site specifics to the plant yet as I wanted to check with you two and make sure I can use a few members of your team.

Please let me know the availability of the coordinators/co-ops as soon as possible so I can include them on the emails I send to the plant.

Thank you,

Eileen

From: Vaughn, Deborah (BOC)
To: Cain, Bob; Phelps, Rebecca; Spaulding, Bill; Churchman, Matt; Harris, Jeffrey (BOC); Groves, Paul
CC: Hensley, Mike; Stevens, Michael; Koller, Tiffany; Troost, Tom; Harper, Travis; Nix, Stephen; Piening, Carla; Crutcher, Tom; Turner, Haley; Pabian, Brad; Carman, Barry; Wilson, Dan; Saunders, Eileen
Sent: 5/10/2010 3:57:31 PM
Subject: Black & Veatch Sites Visits for Environmental Study

Black & Veatch will be making site visits to the plants May 11th through May 13th. I wanted to make you aware of the schedule and inform you that you may be called on by your plant to support this effort : make copies, scan drawings etc. :

Plant	Plant Contact	Drafter	Date of B&V visit
CR	Mike Hensley	Bob Cain	Tues. 5/11/10
GH	Steve Nix/Carla Piening	Rebecca Phelps	Tues. 5/11/10
MC	Mike Stevens/Tiffany Koeller	Bill Spaulding	Wed. 5/12/10
TC	Tom Crutcher/Haley Turner	Matt Churchman	Wed. 5/12/10
GR	Tom Troost/Travis Harper	Jeff Harris	Thurs. 5/13/10
BR	Brad Pabian/Barry Carman	Paul Groves	Thurs. 5/13/10

Drafters are stationed at each of the plants except for Green River. I have discussed with Eileen and at this point we will not be sending Jeff to GR on Thursday but are willing to if needed.

I am copying each plant contact(s) to offer our support on the day of the B&V site visit. In addition I want to offer our services if the plant needs help in scanning data and sending it to the B&V site. If there is a sizeable amount of data we would most likely send someone to pick it up and bring it to the BOC to scan. Please let me know if we can assist in any way.

Thanks,

Debbie

From: Saunders, Eileen
To: Jones, Greg
Sent: 5/11/2010 12:47:25 PM
Subject: FW: EON Ghent reports on IBackup - INVALID
Attachments: ArchiveInfo.htm

Greg,

When we tried to open these reports, they came up invalid. Can you check these and send them in another format?

Thanks,

Eileen

From: Lawson, Stacy J. [mailto:LawsonSJ@bv.com]
Sent: Friday, May 07, 2010 4:22 PM
To: Hillman, Timothy M.; Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Lucas, Kyle J.
Subject: RE: EON Ghent reports on IBackup - INVALID

The Ghent facility. Attached are the documents provided.

Stacy Lawson
913-458-2801

From: Hillman, Timothy M.
Sent: Friday, May 07, 2010 3:14 PM
To: Saunders, Eileen; Lawson, Stacy J.
Cc: Mahabaleshwarkar, Anand; Lucas, Kyle J.
Subject: FW: EON Ghent reports on IBackup - INVALID

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The following attachments were archived from this message:

- FW: Ghent Unit 3 FGD soils report
- Draft Soils Report for Unit 1 FGD Project

From: Lucas, Kyle J.
To: Saunders, Eileen
Sent: 5/14/2010 9:52:24 AM
Subject: AQC template for EON approval of technologies
Attachments: ArchiveInfo.htm

Here is the template

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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The following attachments were archived from this message:

- AQC technology Recommendation 051310.pdf

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Hillman, Timothy M.; Mahabaleshwarkar, Anand
Sent: 5/17/2010 10:41:17 AM
Subject: Meeting Minutes from 5/10 meeting
Attachments: ArchiveInfo.htm

Eileen,
Attached please find the meeting minutes summary from the kick-off meeting held on 5/10.
Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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The following attachments were archived from this message:

- EON AQC Memo 051710.pdf

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Hillman, Timothy M.; Mahabaleshwarkar, Anand
Sent: 5/17/2010 12:53:34 PM
Subject: EON - AQC Assessment Draft TOC
Attachments: ArchiveInfo.htm

Eileen,
Attached please find the draft AQC assessment report's Table of Contents. This draft TOC represents our first approach to the report's structure. If you would like, we can discuss at today's conference call.

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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The following attachments were archived from this message:

- Draft EON AQC Report TOC 051710.pdf

From: Saunders, Eileen
To: 'Lucas, Kyle J.'
CC: Hillman, Timothy M.; Mahabaleshwarkar, Anand
Sent: 5/17/2010 12:58:56 PM
Subject: RE: EON - AQC Assessment Draft TOC

Thank you Kyle. We can discuss this afternoon.

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Monday, May 17, 2010 12:54 PM
To: Saunders, Eileen
Cc: Hillman, Timothy M.; Mahabaleshwarkar, Anand
Subject: EON - AQC Assessment Draft TOC

Eileen,
Attached please find the draft AQC assessment report's Table of Contents. This draft TOC represents our first approach to the report's structure. If you would like, we can discuss at today's conference call.

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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From: Saunders, Eileen
To: 'Lucas, Kyle J.'
CC: Hillman, Timothy M.; Mahabaleshwarkar, Anand
Sent: 5/18/2010 8:43:14 AM
Subject: RE: Meeting Minutes from 5/10 meeting

Kyle,

Great Job with the notes. Here are my comments:

- Page 1: The names should read- Wayne Whitworth, Jeff Fraley and Barry Carman
- Page 2: Replace "three year planning cycle" with "financial planning cycle"
- Page 3: Second bullet point: replace "PassPort" with "Passport"

Once these changes are made, please issue the minutes as final and I will distribute to the group today.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Monday, May 17, 2010 10:41 AM
To: Saunders, Eileen
Cc: Hillman, Timothy M.; Mahabaleshwarkar, Anand
Subject: Meeting Minutes from 5/10 meeting

Eileen,
Attached please find the meeting minutes summary from the kick-off meeting held on 5/10.
Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
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From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Hillman, Timothy M.; Mahabaleshwarkar, Anand
Sent: 5/18/2010 10:54:24 AM
Subject: Final Meeting Minutes from 5/10 meeting
Attachments: ArchiveInfo.htm

Eileen,
Attached please find the final meeting minutes summary memo from the kick-off meeting held on 5/10.
Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
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- EON AQC Meeting Memo 051810.pdf

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 5/18/2010 7:02:30 PM
Subject: EON AQC Selection Sheet - Trimble County
Attachments: ArchiveInfo.htm

Eileen,
Attached please find the AQC technology selection sheet for Trimble County Unit 1. At this time, we believe that Unit 2 has a full suite of AQC technologies that may meet the target emission levels and will be determined later when the unit is operational. Thus, we have not included an AQC technology selection sheet for this unit. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, please confirm the CO targeted emission level noted in the matrix is 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

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- Trimble County Unit 1 051810.doc

From: Saunders, Eileen
To: 'LucasKJ@bv.com'
CC: 'MahabaleshwarkarA@bv.com'; 'HillmanTM@bv.com'
Sent: 5/18/2010 7:05:51 PM
Subject: Re: EON AQC Selection Sheet - Trimble County

I will check with Gary regarding your question in the morning.

Thanks,

Eileen

From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>
Sent: Tue May 18 19:02:30 2010
Subject: EON AQC Selection Sheet - Trimble County

Eileen,
Attached please find the AQC technology selection sheet for Trimble County Unit 1. At this time, we believe that Unit 2 has a full suite of AQC technologies that may meet the target emission levels and will be determined later when the unit is operational. Thus, we have not included an AQC technology selection sheet for this unit. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

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Kyle

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From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 5/18/2010 7:13:05 PM
Subject: RE: EON AQC Selection Sheet - Trimble County

Thanks. Talk to you tomorrow.

Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
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From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Tuesday, May 18, 2010 6:06 PM
To: Lucas, Kyle J.
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: Re: EON AQC Selection Sheet - Trimble County

I will check with Gary regarding your question in the morning.

Thanks,

Eileen

From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>
Sent: Tue May 18 19:02:30 2010
Subject: EON AQC Selection Sheet - Trimble County

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Additionally, please confirm the CO targeted emission level noted in the matrix is 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not

know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager

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From: Saunders, Eileen
To: Crutcher, Tom; Turner, Haley
Sent: 5/18/2010 7:08:40 PM
Subject: Fw: EON AQC Selection Sheet - Trimble County
Attachments: ArchiveInfo.htm

Tom and Haley,

Please see the information below. As described in my earlier email, I will send out a conference number so we can discuss this tomorrow.

I have not had the chance to open this since I am working from my Blackberry at the moment.

Also, disregard the question they asked in the email. I will check that out with Gary in the morning.

Thank you,

Eileen

From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>
Sent: Tue May 18 19:02:30 2010
Subject: EON AQC Selection Sheet - Trimble County

Eileen,
Attached please find the AQC technology selection sheet for Trimble County Unit 1. At this time, we believe that Unit 2 has a full suite of AQC technologies that may meet the target emission levels and will be determined later when the unit is operational. Thus, we have not included an AQC technology selection sheet for this unit. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

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Please feel free to contact us if you have any questions,

Regards,
Kyle

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- Trimble County Unit 1 051810.doc

From: Saunders, Eileen
To: Straight, Scott
Sent: 5/18/2010 7:15:13 PM
Subject: Fw: EON AQC Selection Sheet - Trimble County
Attachments: ArchiveInfo.htm

Scott,
Here is the first document from B&V. If you open this on your Blackberry, you can scroll down and read some of the text.

Also, I will get the question they asked in their email clarified in the morning.

I will be setting up a call to discuss with the TC team in the morning.

Thanks,

Eileen

From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>
Sent: Tue May 18 19:02:30 2010
Subject: EON AQC Selection Sheet - Trimble County

Eileen,
Attached please find the AQC technology selection sheet for Trimble County Unit 1. At this time, we believe that Unit 2 has a full suite of AQC technologies that may meet the target emission levels and will be determined later when the unit is operational. Thus, we have not included an AQC technology selection sheet for this unit. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, please confirm the CO targeted emission level noted in the matrix is 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

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- Trimble County Unit 1 051810.doc

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 5/19/2010 2:26:31 PM
Subject: EON AQC Selection Sheets - E.W. Brown
Attachments: ArchiveInfo.htm

Eileen,
Attached please find the AQC technology selection sheet for E.W. Brown Units 1-3 . Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, We understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
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The following attachments were archived from this message:

- E.W. Brown Unit 1 051910.doc
- E.W. Brown Unit 2 051910.doc
- E.W. Brown Unit 3 051910.doc

From: Saunders, Eileen
To: Fraley, Jeffrey; Pabian, Brad; Carman, Barry
Sent: 5/19/2010 2:38:16 PM
Subject: FW: EON AQC Selection Sheets - E.W. Brown
Attachments: ArchiveInfo.htm

All,

I just received the sheets for Brown. Please review them and I will set up a conference call for tomorrow so we can discuss what we would like B&V to estimate.

Please ignore the question in the email below regarding the CO targeted emission level. Gary Revlett is checking on that answer for me.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:Lucaskj@bv.com]
Sent: Wednesday, May 19, 2010 2:27 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - E.W. Brown

Eileen,
Attached please find the AQC technology selection sheet for E.W. Brown Units 1-3. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, We understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

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- E.W. Brown Unit 1 051910.doc
- E.W. Brown Unit 2 051910.doc
- E.W. Brown Unit 3 051910.doc

From: Pabian, Brad
To: Saunders, Eileen
Sent: 5/19/2010 2:40:45 PM
Subject: RE: EON AQC Selection Sheets - E.W. Brown

Eileen-

I will not be in the office until about 10:30 tomorrow. If possible, please schedule after that.

Brad Pabian

Mechanical Engineer
Kentucky Utilities E. W. Brown Station
815 Dix Dam Road
Harrodsburg, KY 40330
859-748-4570
brad.pabian@eon-us.com

From: Saunders, Eileen
Sent: Wednesday, May 19, 2010 2:38 PM
To: Fraley, Jeffrey; Pabian, Brad; Carman, Barry
Subject: FW: EON AQC Selection Sheets - E.W. Brown

All,

I just received the sheets for Brown. Please review them and I will set up a conference call for tomorrow so we can discuss what we would like B&V to estimate.

Please ignore the question in the email below regarding the CO targeted emission level. Gary Revlett is checking on that answer for me.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Wednesday, May 19, 2010 2:27 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - E.W. Brown

Eileen,
Attached please find the AQC technology selection sheet for E.W. Brown Units 1-3. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

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Please feel free to contact us if you have any questions,

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager

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From: Saunders, Eileen
To: Pabian, Brad
Sent: 5/19/2010 2:42:44 PM
Subject: RE: EON AQC Selection Sheets - E.W. Brown

I will try to schedule after that time. I'll try to target after lunch so you can get caught up on your day.

Thanks,

Eileen

From: Pabian, Brad
Sent: Wednesday, May 19, 2010 2:41 PM
To: Saunders, Eileen
Subject: RE: EON AQC Selection Sheets - E.W. Brown

Eileen-

I will not be in the office until about 10:30 tomorrow. If possible, please schedule after that.

Brad Pabian

Mechanical Engineer
Kentucky Utilities E. W. Brown Station
815 Dix Dam Road
Harrodsburg, KY 40330
859-748-4570
brad.pabian@eon-us.com

From: Saunders, Eileen
Sent: Wednesday, May 19, 2010 2:38 PM
To: Fraley, Jeffrey; Pabian, Brad; Carman, Barry
Subject: FW: EON AQC Selection Sheets - E.W. Brown

All,

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Thank you,

Eileen

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Sent: Wednesday, May 19, 2010 2:27 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - E.W. Brown

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Regards,
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From: Saunders, Eileen
To: 'Lucas, Kyle J.'
CC: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 5/19/2010 2:46:44 PM
Subject: RE: EON AQC Selection Sheets - E.W. Brown

Kyle,

Thank you. I have forwarded this information to the Brown team and I am in the process of scheduling a review meeting with them for tomorrow afternoon. I have also informed the Ghent team that I am expecting their information soon.

Gary Revlett is out of the office today but I am sure he will respond regarding the CO emission limit either later tonight or in the morning.

Lastly, I have already informed the plant managers at Mill Creek, Cane Run and Green River that they will see their information tomorrow. I appreciate the overall effort, but I need production to speed up for tomorrow.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Wednesday, May 19, 2010 2:27 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - E.W. Brown

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From: Saunders, Eileen
To: Pabian, Brad; Carman, Barry
Sent: 5/19/2010 2:57:46 PM
Subject: RE: EON AQC Selection Sheets - E.W. Brown

Brad and Barry,

In checking Jeff's schedule, 10:30 to 11:30 looks like a good time. Will that work for you? I don't know if it will take an hour but I like to block out the time just in case.

Thanks,

Eileen

From: Pabian, Brad
Sent: Wednesday, May 19, 2010 2:41 PM
To: Saunders, Eileen
Subject: RE: EON AQC Selection Sheets - E.W. Brown

Eileen-

I will not be in the office until about 10:30 tomorrow. If possible, please schedule after that.

Brad Pabian
Mechanical Engineer
Kentucky Utilities E. W. Brown Station
815 Dix Dam Road
Harrodsburg, KY 40330
859-748-4570
brad.pabian@eon-us.com

From: Saunders, Eileen
Sent: Wednesday, May 19, 2010 2:38 PM
To: Fraley, Jeffrey; Pabian, Brad; Carman, Barry
Subject: FW: EON AQC Selection Sheets - E.W. Brown

All,

I just received the sheets for Brown. Please review them and I will set up a conference call for tomorrow so we can discuss what we would like B&V to estimate.

Please ignore the question in the email below regarding the CO targeted emission level. Gary Revlett is checking on that answer for me.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Wednesday, May 19, 2010 2:27 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - E.W. Brown

Eileen,

Attached please find the AQC technology selection sheet for E.W. Brown Units 1-3 . Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, We understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211

Phone: (913) 458-9062 | Fax: (913) 458-9062

Email: lucaskj@bv.com

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From: Pabian, Brad
To: Saunders, Eileen
Sent: 5/19/2010 2:58:07 PM
Subject: RE: EON AQC Selection Sheets - E.W. Brown

Works for me.

Brad Pabian
Mechanical Engineer
Kentucky Utilities E. W. Brown Station
815 Dix Dam Road
Harrodsburg, KY 40330
859-748-4570
brad.pabian@eon-us.com

From: Saunders, Eileen
Sent: Wednesday, May 19, 2010 2:58 PM
To: Pabian, Brad; Carman, Barry
Subject: RE: EON AQC Selection Sheets - E.W. Brown

Brad and Barry,

In checking Jeff's schedule, 10:30 to 11:30 looks like a good time. Will that work for you? I don't know if it will take an hour but I like to block out the time just in case.

Thanks,

Eileen

From: Pabian, Brad
Sent: Wednesday, May 19, 2010 2:41 PM
To: Saunders, Eileen
Subject: RE: EON AQC Selection Sheets - E.W. Brown

Eileen-

I will not be in the office until about 10:30 tomorrow. If possible, please schedule after that.

Brad Pabian
Mechanical Engineer
Kentucky Utilities E. W. Brown Station
815 Dix Dam Road
Harrodsburg, KY 40330
859-748-4570
brad.pabian@eon-us.com

From: Saunders, Eileen
Sent: Wednesday, May 19, 2010 2:38 PM
To: Fraley, Jeffrey; Pabian, Brad; Carman, Barry
Subject: FW: EON AQC Selection Sheets - E.W. Brown

All,

I just received the sheets for Brown. Please review them and I will set up a conference call for tomorrow so we can

discuss what we would like B&V to estimate.

Please ignore the question in the email below regarding the CO targeted emission level. Gary Revlett is checking on that answer for me.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Wednesday, May 19, 2010 2:27 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - E.W. Brown

Eileen,
Attached please find the AQC technology selection sheet for E.W. Brown Units 1-3. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, We understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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From: Saunders, Eileen
To: Straight, Scott
Sent: 5/19/2010 3:46:55 PM
Subject: FW: EON AQC Selection Sheets - E.W. Brown
Attachments: ArchiveInfo.htm

Here is the template for Brown. I have a call with the station in the morning to discuss. My call with Trimble was moved to Friday due to a schedule conflict. I expect to receive Ghent's information later this evening and the other three stations tomorrow.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Wednesday, May 19, 2010 2:27 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - E.W. Brown

Eileen,
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Regards,
Kyle

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The following attachments were archived from this message:

- E.W. Brown Unit 1 051910.doc
- E.W. Brown Unit 2 051910.doc
- E.W. Brown Unit 3 051910.doc

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 5/19/2010 6:02:21 PM
Subject: EON AQC Selection Sheets - Ghent
Attachments: ArchiveInfo.htm

Eileen,
Attached please find the AQC technology selection sheets for Ghent Units 1- 4. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, we understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

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Regards,
Kyle

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- Ghent Unit 4 051910.doc
- Ghent Unit 1 051910.doc
- Ghent Unit 2 051910.doc
- Ghent Unit 3 051910.doc

From: Saunders, Eileen
To: Joyce, Jeff; Nix, Stephen; Piening, Carla
Sent: 5/19/2010 6:23:10 PM
Subject: Fw: EON AQC Selection Sheets - Ghent
Attachments: ArchiveInfo.htm

All,

Here are the templates for Ghent. I will arrange a call tomorrow for us to discuss their data sheets.

Thanks,

Eileen

From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>
Sent: Wed May 19 18:02:21 2010
Subject: EON AQC Selection Sheets - Ghent

Eileen,
Attached please find the AQC technology selection sheets for Ghent Units 1- 4. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, we understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

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Regards,
Kyle

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- Ghent Unit 4 051910.doc
- Ghent Unit 1 051910.doc
- Ghent Unit 2 051910.doc
- Ghent Unit 3 051910.doc

From: Saunders, Eileen
To: 'Lucaskj@bv.com'
CC: 'MahabaleshwarkarA@bv.com'; 'HillmanTM@bv.com'
Sent: 5/19/2010 6:23:47 PM
Subject: Re: EON AQC Selection Sheets - Ghent

Thank you. I have passed the information on to the Ghent Team.

Eileen

From: Lucas, Kyle J. <Lucaskj@bv.com>
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>
Sent: Wed May 19 18:02:21 2010
Subject: EON AQC Selection Sheets - Ghent

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Regards,
Kyle

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From: Saunders, Eileen
To: Straight, Scott
Sent: 5/19/2010 9:29:30 PM
Subject: Fw: EON AQC Selection Sheets - Ghent
Attachments: ArchiveInfo.htm

Ghent

From: Lucas, Kyle J. <Lucaskj@bv.com>
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Hillman, Timothy M. <HillmanTM@bv.com>
Sent: Wed May 19 18:02:21 2010
Subject: EON AQC Selection Sheets - Ghent

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- Ghent Unit 4 051910.doc
- Ghent Unit 1 051910.doc
- Ghent Unit 2 051910.doc
- Ghent Unit 3 051910.doc

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Hillman, Timothy M.; Mahabaleshwarkar, Anand
Sent: 5/20/2010 11:08:35 AM
Subject: SNCR description
Attachments: ArchiveInfo.htm

Eileen,
Please pass this along to your staff.

SNCR systems reduce NO_x emissions by injecting a reagent at multiple levels in the steam generator, as illustrated in the figure. SNCR systems rely solely on reagent injection (rather than a catalyst) and an appropriate reagent injection temperature, good reagent/gas mixing, and adequate reaction time to achieve NO_x reductions. SNCR systems can use either ammonia or urea as the reagent. Ammonia or urea is injected into areas of the steam generator where the flue gas temperature ranges from 1,500 to 2,200° F. The furnace of a pulverized coal fired boiler operates at temperatures between 2,500 to 3,000° F.



Figure
Schematic of SNCR System with Multiple Injection Levels

SNCR systems are capable of achieving a NO_x emission reduction as high as 50 to 60 percent in optimum conditions (adequate reaction time, temperature, and reagent/ flue gas mixing, high baseline NO_x conditions, multiple levels of injectors), with ammonia slips of 10 to 50 ppmvd. Lower ammonia slip values can be achieved with lower NO_x reduction capabilities. Typically, optimum conditions are difficult to achieve, resulting in emission reduction levels of 20 to 40 percent. Potential performance is very site-specific and varies with fuel type, steam generator size, allowable ammonia slip, furnace carbon monoxide (CO) concentrations, and steam generator heat transfer characteristics.

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
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- Picture (Metafile) 1.jpg

From: Saunders, Eileen
To: Fraley, Jeffrey; Pabian, Brad; Carman, Barry
Sent: 5/20/2010 2:39:26 PM
Subject: FW: SNCR description
Attachments: ArchiveInfo.htm

Here is the SNCR description from B&V.

Thanks,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Thursday, May 20, 2010 11:09 AM
To: Saunders, Eileen
Cc: Hillman, Timothy M.; Mahabaleshwarkar, Anand
Subject: SNCR description

Eileen,
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SNCR systems reduce NO_x emissions by injecting a reagent at multiple levels in the steam generator, as illustrated in the figure. SNCR systems rely solely on reagent injection (rather than a catalyst) and an appropriate reagent injection temperature, good reagent/gas mixing, and adequate reaction time to achieve NO_x reductions. SNCR systems can use either ammonia or urea as the reagent. Ammonia or urea is injected into areas of the steam generator where the flue gas temperature ranges from 1,500 to 2,200° F. The furnace of a pulverized coal fired boiler operates at temperatures between 2,500 to 3,000° F.

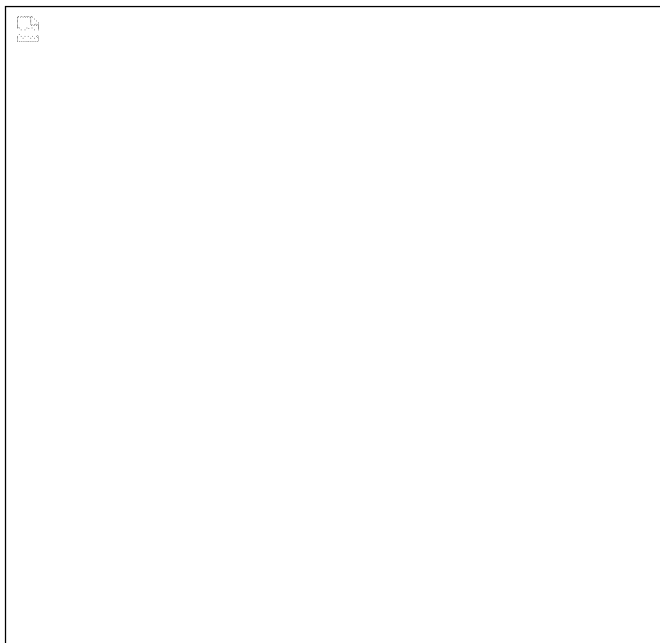


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levels of 20 to 40 percent. Potential performance is very site-specific and varies with fuel type, steam generator size, allowable ammonia slip, furnace carbon monoxide (CO) concentrations, and steam generator heat transfer characteristics.

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- Picture (Metafile) 1.jpg

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 5/20/2010 3:13:24 PM
Subject: EON AQC Selection Sheets - Cane Run
Attachments: ArchiveInfo.htm

Eileen,
Attached please find the AQC technology selection sheets for Cane Run Units 4-6. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, we understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

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Regards,
Kyle

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- Cane Run Unit 4 052010.doc
- Cane Run Unit 5 052010.doc
- Cane Run Unit 6 052010.doc

From: Saunders, Eileen
To: Hensley, Mike; Turner, Steven
Sent: 5/20/2010 3:19:34 PM
Subject: FW: EON AQC Selection Sheets - Cane Run
Attachments: ArchiveInfo.htm

My apologies. I was working on the Brown document and accidentally forwarded their information to you. Please delete that email and use this one instead.

Thanks,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Thursday, May 20, 2010 3:13 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - Cane Run

Eileen,
Attached please find the AQC technology selection sheets for Cane Run Units 4-6. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

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Regards,
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The following attachments were archived from this message:

- Cane Run Unit 4 052010.doc
- Cane Run Unit 5 052010.doc
- Cane Run Unit 6 052010.doc

From: Saunders, Eileen
To: Turner, Steven; Hensley, Mike
Sent: 5/20/2010 3:17:47 PM
Subject: FW: EON AQC Selection Sheets - Cane Run
Attachments: ArchiveInfo.htm

Steve and Mike,

Please see the AQCS Template for your station. I will check your calendars to see if you are available for a conference call tomorrow. Please ignore the CO question below as I have already passed that question on to Gary Revlett.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Thursday, May 20, 2010 3:13 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - Cane Run

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therein by error, please contact the sender and delete the material from your/any storage medium.

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The following attachments were archived from this message:

- Cane Run Unit 4 052010.doc
- Cane Run Unit 5 052010.doc
- Cane Run Unit 6 052010.doc

From: Saunders, Eileen
To: Straight, Scott
Sent: 5/20/2010 3:56:49 PM
Subject: FW: EON AQC Selection Sheets - Cane Run
Attachments: ArchiveInfo.htm

Cane Run data.

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Thursday, May 20, 2010 3:13 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - Cane Run

Eileen,
Attached please find the AQC technology selection sheets for Cane Run Units 4-6. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, we understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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- Cane Run Unit 4 052010.doc
- Cane Run Unit 5 052010.doc
- Cane Run Unit 6 052010.doc

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 5/20/2010 4:19:40 PM
Subject: EON AQC Selection Sheets - Mill Creek
Attachments: ArchiveInfo.htm

Eileen,
Attached please find the AQC technology selection sheets for Mill Creek Units 1-4. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, we understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

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- Mill Creek Unit 4 052010.doc
- Mill Creek Unit 1 052010.doc
- Mill Creek Unit 2 052010.doc
- Mill Creek Unit 3 052010.doc

From: Saunders, Eileen
To: Straight, Scott
Sent: 5/20/2010 4:30:55 PM
Subject: FW: EON AQC Selection Sheets - Mill Creek
Attachments: ArchiveInfo.htm

Mill Creek data.

From: Lucas, Kyle J. [mailto:Lucaskj@bv.com]
Sent: Thursday, May 20, 2010 4:20 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - Mill Creek

Eileen,
Attached please find the AQC technology selection sheets for Mill Creek Units 1-4. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, we understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
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- Mill Creek Unit 4 052010.doc
- Mill Creek Unit 1 052010.doc
- Mill Creek Unit 2 052010.doc
- Mill Creek Unit 3 052010.doc

From: Saunders, Eileen
To: Kirkland, Mike; Koller, Tiffany; Stevens, Michael
Sent: 5/20/2010 4:30:38 PM
Subject: FW: EON AQC Selection Sheets - Mill Creek
Attachments: ArchiveInfo.htm

All,

Please see the templates I just received for Mill Creek. I will check calendars and schedule a conference call to discuss. Please ignore the CO question below as I have already passed it along to Gary Revlett to answer.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Thursday, May 20, 2010 4:20 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - Mill Creek

Eileen,
Attached please find the AQC technology selection sheets for Mill Creek Units 1-4. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, we understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
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Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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The following attachments were archived from this message:

- Mill Creek Unit 4 052010.doc
- Mill Creek Unit 1 052010.doc
- Mill Creek Unit 2 052010.doc
- Mill Creek Unit 3 052010.doc

From: Saunders, Eileen
To: Revlett, Gary; 'Hillman, Timothy M.'; 'Lucas, Kyle J.'; 'Mahabaleshwarkar, Anand'
CC: Straight, Scott
Sent: 5/20/2010 4:47:08 PM
Subject: RE: CO Emission Limit Question

Gary,

Please update the "Estimated Requirements Under Future New Environmental Regulations" document that was provided to the team and B&V as soon as possible. I need to make sure everyone receives the new limit for their records.

Thank you,

Eileen

From: Revlett, Gary
Sent: Thursday, May 20, 2010 3:33 PM
To: 'Hillman, Timothy M.'; Saunders, Eileen; Lucas, Kyle J.; Mahabaleshwarkar, Anand
Subject: RE: CO Emission Limit Question

Everyone,

I have reviewed my notes on the origin of the suggested Electric Generating Unit (EGU) MACT carbon monoxide limit of 0.02 lbs/mmBtu. This proposed CO MACT number came from some of our current emission inventories and was based on Table 1.1-3 of AP-42. The value in the table is 0.5 lbs per ton of coal burned, which is approximately 0.02 lbs/mmBtu. When providing this number, I didn't calculate the ppm value as a reality check. Since the ppm value would be less than 10, this does seem to be unrealistically low.

A key factor for the MACT CO will be the averaging time. I would now suggest using the proposed ICI boiler MACT for PC boilers, which is 90 ppm (corrected to 3% O₂) and the averaging time of 24-hours. For the typical operating conditions of 7% O₂, this would be equivalent to ~ 40 ppm or ~0.10 lbs/mmBtu.

Gary

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Thursday, May 20, 2010 9:54 AM
To: Saunders, Eileen; Lucas, Kyle J.; Mahabaleshwarkar, Anand
Cc: Revlett, Gary
Subject: RE: CO Emission Limit Question

Understood...thanks.

Tim Hillman | Senior Air Quality Scientist

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Thursday, May 20, 2010 8:47 AM

To: Hillman, Timothy M.; Lucas, Kyle J.; Mahabaleshwarkar, Anand
Cc: Revlett, Gary
Subject: CO Emission Limit Question

All,

Gary contacted me today regarding your question and he is in the process of researching the answer. As soon as I hear from him, I will pass along the information to you.

Thank you,

Eileen

The information contained in this transmission is intended only for the person or entity to which it is directly addressed or copied. It may contain material of confidential and/or private nature. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is not allowed. If you received this message and the information contained therein by error, please contact the sender and delete the material from your/any storage medium.

From: Revlett, Gary
To: Saunders, Eileen
Sent: 5/20/2010 5:01:48 PM
Subject: RE: CO Emission Limit Question
Attachments: ArchiveInfo.htm

Hi Eileen,

The revised tables are attached.

Gary

From: Saunders, Eileen
Sent: Thursday, May 20, 2010 4:47 PM
To: Revlett, Gary; 'Hillman, Timothy M.'; 'Lucas, Kyle J.'; 'Mahabaleshwarkar, Anand'
Cc: Straight, Scott
Subject: RE: CO Emission Limit Question

Gary,

Please update the "Estimated Requirements Under Future New Environmental Regulations" document that was provided to the team and B&V as soon as possible. I need to make sure everyone receives the new limit for their records.

Thank you,

Eileen

From: Revlett, Gary
Sent: Thursday, May 20, 2010 3:33 PM
To: 'Hillman, Timothy M.'; Saunders, Eileen; Lucas, Kyle J.; Mahabaleshwarkar, Anand
Subject: RE: CO Emission Limit Question

Everyone,

I have reviewed my notes on the origin of the suggested Electric Generating Unit (EGU) MACT carbon monoxide limit of 0.02 lbs/mmBtu. This proposed CO MACT number came from some of our current emission inventories and was based on Table 1.1-3 of AP-42. The value in the table is 0.5 lbs per ton of coal burned, which is approximately 0.02 lbs/mmBtu. When providing this number, I didn't calculate the ppm value as a reality check. Since the ppm value would be less than 10, this does seem to be unrealistically low.

A key factor for the MACT CO will be the averaging time. I would now suggest using the proposed ICI boiler MACT for PC boilers, which is 90 ppm (corrected to 3% O₂) and the averaging time of 24-hours. For the typical operating conditions of 7% O₂, this would be equivalent to ~ 40 ppm or ~0.10 lbs/mmBtu.

Gary

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Thursday, May 20, 2010 9:54 AM
To: Saunders, Eileen; Lucas, Kyle J.; Mahabaleshwarkar, Anand
Cc: Revlett, Gary
Subject: RE: CO Emission Limit Question

Understood...thanks.

Tim Hillman | Senior Air Quality Scientist

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Thursday, May 20, 2010 8:47 AM
To: Hillman, Timothy M.; Lucas, Kyle J.; Mahabaleshwarkar, Anand
Cc: Revlett, Gary
Subject: CO Emission Limit Question

All,

Gary contacted me today regarding your question and he is in the process of researching the answer. As soon as I hear from him, I will pass along the information to you.

Thank you,

Eileen

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- Generation Future Environmental Requirements.xlsx

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 5/20/2010 5:09:47 PM
Subject: RE: EON AQC Selection Sheets - Mill Creek

Eileen,

- I have just seen Gary's CO summary. We'll address this separately after we get Green River out to you. This will keep approach consistent for all units.
- I am working on Green River now, will have to you before I leave today.
- Thanks for the update and status of approvals.

Talk to you soon,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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From: Saunders, Eileen [<mailto:Eileen.Saunders@eon-us.com>]
Sent: Thursday, May 20, 2010 4:05 PM
To: Lucas, Kyle J.
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: RE: EON AQC Selection Sheets - Mill Creek

Kyle,

Thank you. A quick update for you as well:

- You should have received an answer from Gary regarding your CO question. I will send you an updated template from Gary.
- I have completed conference calls with the management teams from Brown and Ghent. They are reviewing my notes and I expect to have those responses to you tomorrow morning.
- I have conference calls scheduled throughout the day tomorrow with TC, Cane Run and Mill Creek management. Since several of those calls are taking place late in the day, I will have our responses to you on Monday.
- I have alerted Green River management that I have not received their documents but expect to receive them later today.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:Lucaskj@bv.com]
Sent: Thursday, May 20, 2010 4:20 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - Mill Creek

Eileen,
Attached please find the AQC technology selection sheets for Mill Creek Units 1-4. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, we understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
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From: Saunders, Eileen
To: 'Lucas, Kyle J.'
CC: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 5/20/2010 5:04:52 PM
Subject: RE: EON AQC Selection Sheets - Mill Creek

Kyle,

Thank you. A quick update for you as well:

- You should have received an answer from Gary regarding your CO question. I will send you an updated template from Gary.
- I have completed conference calls with the management teams from Brown and Ghent. They are reviewing my notes and I expect to have those responses to you tomorrow morning.
- I have conference calls scheduled throughout the day tomorrow with TC, Cane Run and Mill Creek management. Since several of those calls are taking place late in the day, I will have our responses to you on Monday.
- I have alerted Green River management that I have not received their documents but expect to receive them later today.

Thank you,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Thursday, May 20, 2010 4:20 PM
To: Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Subject: EON AQC Selection Sheets - Mill Creek

Eileen,
Attached please find the AQC technology selection sheets for Mill Creek Units 1-4. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, we understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

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Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Hillman, Timothy M.
Sent: 5/20/2010 5:50:21 PM
Subject: EON AQC Selection Sheets - Green River
Attachments: ArchiveInfo.htm

Eileen,
Attached please find the AQC technology selection sheets for Green River Units 3 & 4. Please review this information and provide your approval for the recommended technologies. If E.ON chooses not to approve any of recommended technologies, please provide a detailed description of the alternative approach.

Additionally, we understand you are confirming the CO targeted emission level noted in the matrix of 0.02 lb/MBtu (for each of the 18 coal-fired units). We have assumed that this value is correct and was developed from the recent boiler MACT. However, B&V does not know of any feasible and proven CO control technology for units of this type and size.

Please feel free to contact us if you have any questions,

Regards,
Kyle

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Overland Park, KS 66211
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Email: lucaskj@bv.com

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The following attachments were archived from this message:

- Green River Unit 3 052010.doc
- Green River Unit 4 052010.doc

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Mehta, Pratik D.; Hillman, Timothy M.
Sent: 5/20/2010 6:36:16 PM
Subject: E.ON AQC Assessment - Economic Factors
Attachments: ArchiveInfo.htm

Eileen,
In review of the data, we found that we are still missing some economic factors. Since we are looking at all six plants some of the economic factors could be higher or lower per site. Attached please find a spreadsheet--data still needed have been highlighted in yellow per each plant. Please review and provide this data by COB on Friday 5/21 for our use in the cost analyses. For those cost data not received by COB, B&V will estimate with in-house data (or similar from data already contained in the spreadsheet) for use for the cost analysis.
Thanks for your help.

Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
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The following attachments were archived from this message:

- Economic Criteria 052010.xls

From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Hillman, Timothy M.
Sent: 5/28/2010 11:59:30 AM
Subject: EON Draft Cost Example
Attachments: ArchiveInfo.htm

Eileen,
Attached please find a draft cost example prepared for the AQC project. We would like to discuss the format of the deliverable with you. Specifically, we noticed that your MTP example sheets (you provided last week) list primary controlled pollutants and secondary controlled pollutants. We understand there is a co-benefit of control for some of these pollutants and would like to appropriately proportion the costs but need some guidance from you as to how best to account for this. We'll call you in 10 minutes to discuss further.

Thanks
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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The following attachments were archived from this message:

- EXAMPLE Unit 4 Cost Estimates 052810.pdf

From: Saunders, Eileen
To: 'LucasKJ@bv.com'
Sent: 5/28/2010 12:36:34 PM
Subject: Re: EON Draft Cost Example

Kyle,

I will be back at my desk 1pm my time.

Eileen

From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Saunders, Eileen
Cc: Hillman, Timothy M. <HillmanTM@bv.com>
Sent: Fri May 28 11:59:30 2010
Subject: EON Draft Cost Example

Eileen,
Attached please find a draft cost example prepared for the AQC project. We would like to discuss the format of the deliverable with you. Specifically, we noticed that your MTP example sheets (you provided last week) list primary controlled pollutants and secondary controlled pollutants. We understand there is a co-benefit of control for some of these pollutants and would like to appropriately proportion the costs but need some guidance from you as to how best to account for this. We'll call you in 10 minutes to discuss further.

Thanks
Kyle

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From: Lucas, Kyle J.
To: Saunders, Eileen
CC: Hillman, Timothy M.
Sent: 5/28/2010 12:38:06 PM
Subject: RE: EON Draft Cost Example

Eileen,
We'll call you then.

Thanks,

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, May 28, 2010 11:37 AM
To: Lucas, Kyle J.
Subject: Re: EON Draft Cost Example

Kyle,

I will be back at my desk 1pm my time.

Eileen

From: Lucas, Kyle J. <LucasKJ@bv.com>
To: Saunders, Eileen
Cc: Hillman, Timothy M. <HillmanTM@bv.com>
Sent: Fri May 28 11:59:30 2010
Subject: EON Draft Cost Example

Eileen,
Attached please find a draft cost example prepared for the AQC project. We would like to discuss the format of the deliverable with you. Specifically, we noticed that your MTP example sheets (you provided last week) list primary controlled pollutants and secondary controlled pollutants. We understand there is a co-benefit of control for some of these pollutants and would like to appropriately proportion the costs but need some guidance from you as to how best to account for this.
We'll call you in 10 minutes to discuss further.

Thanks
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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From: Saunders, Eileen
To: 'Lucas, Kyle J.'
Sent: 5/28/2010 1:05:33 PM
Subject: RE: EON Draft Cost Example

Ok. I am here.

Thanks,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Friday, May 28, 2010 12:38 PM
To: Saunders, Eileen
Cc: Hillman, Timothy M.
Subject: RE: EON Draft Cost Example

Eileen,
We'll call you then.

Thanks,

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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Sent: Friday, May 28, 2010 11:37 AM
To: Lucas, Kyle J.
Subject: Re: EON Draft Cost Example

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From: Saunders, Eileen
To: Clements, Joe; Whitworth, Wayne
CC: Straight, Scott
Sent: 7/27/2010 11:31:31 AM
Subject: FW: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities
Attachments: ArchiveInfo.htm

Joe and Wayne,

Scott and I have been meeting with B&V to define a scope for further work on the Environmental Compliance-Air work. Here is the estimate I received and it seems they based the rates on recent work awarded to them for other PE projects.

The scope is correct in their estimate but I am concerned about the costs. Would you two take a look at the rate sheets and make sure that you don't see any obvious problems? I will talk with Scott about the scope.

Thank you,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, July 23, 2010 3:23 PM
To: Saunders, Eileen
Cc: King, Michael L. (Mike); Lucas, Kyle J.; Hillman, Timothy M.; Wehrly, M. R.
Subject: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

Eileen,

I want to thank you again for allowing Black & Veatch the opportunity to continue our engineering services for E.ON. As we have discussed over the last few weeks, please find attached a proposed scope of work and cost estimate for performing Air Quality Control Budgetary Cost Estimate services for the Mill Creek, Ghent, and Brown facilities. The cost estimate is based on our mutually agreed upon scope of work, the Mill Creek Biomass Co-Firing Project labor rate sheet, and discussions from our July 7th conference call.

A few highlights of our proposal include:

- 1-Month Stagger in Project Kickoff Between Facilities
- AQC Technology Screening Analysis (Task 6)
- Comprehensive List of Conceptual Design Deliverables (Task 7)
- Budgetary Level Cost Estimate (Task 8)
- Proposed Trips Include: 1) Kickoff and Site Visit, 2) Presentation of the AQC Screening Results, and 3) Presentation of Cost Estimate and Final Report

We look forward to getting started and working with E.ON on these important projects.

Best regards,

Tim Hillman | Project Manager

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- EON AQC Budgetary Cost Estimate Proposal.pdf

From: Clements, Joe
To: Saunders, Eileen; Whitworth, Wayne
Sent: 7/27/2010 2:19:29 PM
Subject: Re: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

Wayne

Let's look at this together later this afternoon. I should be at the BOC within an hour or so.

Joe C

T
Joe Clements
EON U.S.
Project Engineering
502 724 9101

From: Saunders, Eileen
To: Clements, Joe; Whitworth, Wayne
Cc: Straight, Scott
Sent: Tue Jul 27 11:31:30 2010
Subject: FW: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

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Tim Hillman | Project Manager

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

From: Saunders, Eileen
To: Clements, Joe
Sent: 7/27/2010 2:50:19 PM
Subject: RE: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

Ok.

From: Clements, Joe
Sent: Tuesday, July 27, 2010 2:19 PM
To: Saunders, Eileen; Whitworth, Wayne
Subject: Re: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

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Project Engineering
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Tim Hillman | Project Manager

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Phone: (913) 458-7928

Email: hillmantm@bv.com

From: Straight, Scott
To: Clements, Joe; Saunders, Eileen
Sent: 7/29/2010 10:55:58 AM
Subject: FW: Next level of Environmental engineering

fyi

From: Garrett, Chris
Sent: Thursday, July 29, 2010 10:18 AM
To: Hudson, Rusty
Cc: Kuhl, Megan; Straight, Scott
Subject: RE: Next level of Environmental engineering

Yes, we can send this via email vote. Would we expect to incorporate the results into the MTP given the timing of the studies?

Thank you,

Chris

From: Hudson, Rusty
Sent: Thursday, July 29, 2010 10:07 AM
To: Garrett, Chris
Cc: Kuhl, Megan; Straight, Scott
Subject: Next level of Environmental engineering

Chris, in order to do the next level of engineering for the expected environmental air regs, PE is looking to contract with Black and Veatch for about \$2m. This level of engineering will further define the best options available for compliance, including looking at options other than a complete re-build of the Mill Creek FGD's. In order to get the study completed for Mill Creek in August and Ghent in September, Scott would need to release the work as soon as possible. This work will lead to providing us with refined numbers to the current \$4.1B estimated on the air side. I wanted to see if this is something we could consider for an electronic vote as early as next week. I have confirmed with Property Accounting that given the high probability that capital work will ultimately be required, they are okay with charging this work and future engineering work to capital. Rusty

From: Garrett, Chris
To: Hudson, Rusty
CC: Kuhl, Megan; Straight, Scott
Sent: 7/29/2010 10:17:47 AM
Subject: RE: Next level of Environmental engineering

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Sent: Thursday, July 29, 2010 10:07 AM
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From: Saunders, Eileen
To: Straight, Scott
Sent: 8/10/2010 8:30:04 AM
Subject: FW: Next level of Environmental engineering

From: Straight, Scott
Sent: Thursday, July 29, 2010 10:56 AM
To: Clements, Joe; Saunders, Eileen
Subject: FW: Next level of Environmental engineering

fyi

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From: Saunders, Eileen
To: Ritchey, Stacy
Sent: 8/10/2010 8:30:15 AM
Subject: FW: Next level of Environmental engineering

From: Straight, Scott
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To: Clements, Joe; Saunders, Eileen
Subject: FW: Next level of Environmental engineering

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From: Straight, Scott
To: Saunders, Eileen
Sent: 8/10/2010 9:00:13 AM
Subject: RE: Next level of Environmental engineering

?

Also, we need to talk sometime today. We cut some \$1b off of Mill Creek.

From: Saunders, Eileen
Sent: Tuesday, August 10, 2010 8:30 AM
To: Straight, Scott
Subject: FW: Next level of Environmental engineering

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From: Saunders, Eileen
To: Straight, Scott
Sent: 8/10/2010 9:01:11 AM
Subject: RE: Next level of Environmental engineering

Ok. Sorry about that. I was trying to send that to Stacy but we were talking about contacting you and I typed your name instead of hers. When can I give you a call?

Eileen

From: Straight, Scott
Sent: Tuesday, August 10, 2010 9:00 AM
To: Saunders, Eileen
Subject: RE: Next level of Environmental engineering

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From: Cosby, David
To: Saunders, Eileen
Sent: 8/12/2010 12:22:06 AM
Subject: RE: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report
Attachments: ArchiveInfo.htm

Hey Eileen. I hope all is well with you and your family. Summer is almost over for the kids. Time flies.

Are there any updates to the ongoing O&M costs estimated from the short file and long file that were sent out in late June? We are still using the \$191M per year (with Cane Run and Green River taken out of the overall \$260M total). I have not heard if the proposed reduction on Mill Creek scope is "official" or not and if that impacts this original O&M estimate breakdown. I know the timing on some things will change and I am using Rusty's block diagram for that.

Please advise when you get a chance. Thanks.

David L. Cosby Jr.

Manager - Fin. & Budgeting - Power Production

EON US / LG&E / KU

502-627-2499

david.cosby@eon-us.com

From: Saunders, Eileen
Sent: Monday, June 21, 2010 11:30 AM
To: Voyles, John; Bowling, Ralph; Crutcher, Tom; Turner, Haley; Fraley, Jeffrey; Pabian, Brad; Carman, Barry; Joyce, Jeff; Nix, Stephen; Piening, Carla; Kirkland, Mike; Koller, Tiffany; Stevens, Michael; Troost, Tom; Harper, Travis; Turner, Steven; Hensley, Mike; Wilson, Stuart; Karavayev, Louanne; Cosby, David; Hudson, Rusty; Raque, Gary; Revlett, Gary; Black, Greg; Imber, Philip
Cc: Straight, Scott
Subject: FW: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

All,

Enclosed, please find the draft report from B&V. Scott and I have just begun the review but I wanted to share the document with you as well. As discussed previously, this information does not meet the criteria for Level 1 Engineering, but it is a starting point for further analysis. If you have any comments, please send them to me by Friday, June 25, 2010.

Before you print this document, I want to warn you that it is roughly 400 pages.

Thanks,

Eileen

From: Lucas, Kyle J. [<mailto:LucasKJ@bv.com>]
Sent: Thursday, June 17, 2010 10:20 PM
To: Saunders, Eileen
Cc: Hillman, Timothy M.; Mahabaleshwarkar, Anand; Lawson, Stacy J.
Subject: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

Eileen,
Attached, please find the draft air quality control Technology Cost Report. Please review the document and provide one set of consolidated written comments by COB Thursday June 24, 2010. B&V will review the consolidated comments and incorporate, as appropriate, into the final report.

Additionally, Please confirm receipt of this document.

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
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The following attachments were archived from this message:

- Environmental Summay (rev5 6-3-10).xlsx

From: Saunders, Eileen
To: Cosby, David
Sent: 8/12/2010 7:48:04 AM
Subject: Re: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

Hi David,

I am out today because my oldest is having some minor surgery this morning. I will give you an update in the morning if that is ok.

Thanks,

Eileen

From: Cosby, David
To: Saunders, Eileen
Sent: Thu Aug 12 00:22:05 2010
Subject: RE: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

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EON US / LG&E / KU
502-627-2499
david.cosby@eon-us.com

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Email: lucaskj@bv.com

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From: Cosby, David
To: Saunders, Eileen
Sent: 8/12/2010 7:55:20 AM
Subject: Re: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

That's fine. Best wishes today. Hope all goes smooth and as planned. Thanks.

From: Saunders, Eileen
To: Cosby, David
Sent: Thu Aug 12 07:48:04 2010
Subject: Re: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

Hi David,

I am out today because my oldest is having some minor surgery this morning. I will give you an update in the morning if that is ok.

Thanks,

Eileen

From: Cosby, David
To: Saunders, Eileen
Sent: Thu Aug 12 00:22:05 2010
Subject: RE: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

Hey Eileen. I hope all is well with you and your family. Summer is almost over for the kids. Time flies.

Are there any updates to the ongoing O&M costs estimated from the short file and long file that were sent out in late June? We are still using the \$191M per year (with Cane Run and Green River taken out of the overall \$260M total). I have not heard if the proposed reduction on Mill Creek scope is "official" or not and if that impacts this original O&M estimate breakdown. I know the timing on some things will change and I am using Rusty's block diagram for that.

Please advise when you get a chance. Thanks.

David L. Cosby Jr.

Manager - Fin. & Budgeting - Power Production

EON US / LG&E / KU

502-627-2499

david.cosby@eon-us.com

From: Saunders, Eileen
Sent: Monday, June 21, 2010 11:30 AM
To: Voyles, John; Bowling, Ralph; Crutcher, Tom; Turner, Haley; Fraley, Jeffrey; Pabian, Brad; Carman, Barry; Joyce, Jeff; Nix, Stephen; Piening, Carla; Kirkland, Mike; Koller, Tiffany; Stevens, Michael; Troost, Tom; Harper, Travis; Turner, Steven; Hensley, Mike; Wilson, Stuart; Karavayev, Louanne; Cosby, David; Hudson, Rusty; Raque, Gary; Revlett, Gary; Black, Greg; Imber, Philip
Cc: Straight, Scott
Subject: FW: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

All,

Enclosed, please find the draft report from B&V. Scott and I have just begun the review but I wanted to share the document with you as well. As discussed previously, this information does not meet the criteria for Level 1 Engineering, but it is a starting point for further analysis. If you have any comments, please send them to me by Friday, June 25, 2010.

Before you print this document, I want to warn you that it is roughly 400 pages.

Thanks,

Eileen

From: Lucas, Kyle J. [mailto:Lucaskj@bv.com]
Sent: Thursday, June 17, 2010 10:20 PM
To: Saunders, Eileen
Cc: Hillman, Timothy M.; Mahabaleshwarkar, Anand; Lawson, Stacy J.
Subject: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

Eileen,
Attached, please find the draft air quality control Technology Cost Report. Please review the document and provide one set of consolidated written comments by COB Thursday June 24, 2010. B&V will review the consolidated comments and incorporate, as appropriate, into the final report.

Additionally, Please confirm receipt of this document.

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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To: Straight, Scott; Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.
Sent: 8/12/2010 3:18:41 PM
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

Thanks Scott, we can update that in the spreadsheet table. Please let me know if you have any further comments on the workshop meeting minutes. We will send out revised minutes when all comments are received and incorporated.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Straight, Scott [mailto:Scott.Straight@eon-us.com]
Sent: Thursday, August 12, 2010 1:34 PM
To: Hillman, Timothy M.; Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.
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F (502) 217-2040
scott.straight@eon-us.com

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iV Folks)

Call in number

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Conf ID: 8791684

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11401 Lamar Avenue

Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

Timothy M.

August 10, 2010 2:18 PM

Subject: Wehrly, M. R.; Straight, Scott; Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike)

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cc: V Folks)

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CC: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.
Sent: 8/12/2010 3:57:59 PM
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

Scott,

We'll review our notes and get back to you on that issue.

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

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Sent: Thursday, August 12, 2010 2:31 PM
To: Hillman, Timothy M.; Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.
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Sent: 8/13/2010 7:33:35 AM
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

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Regards,

Tim Hillman | Senior Air Quality Scientist
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Sent: Tuesday, August 10, 2010 2:18 PM
To: Saunders, Eileen; Wehrly, M. R.; Straight, Scott; Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike)
Subject: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work
When: Wednesday, August 11, 2010 1:00 PM-2:00 PM (GMT-06:00) Central Time (US & Canada).
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Sent: 8/13/2010 7:47:45 AM
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

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-----Original Message-----

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Conf ID: 8791684

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From: Saunders, Eileen
To: Cosby, David
CC: Straight, Scott
Sent: 8/13/2010 10:52:40 AM
Subject: RE: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

David,

Although alternatives are being looked at for Mill Creek nothing is official at this point. Not only is the capital spend in flux, but the implementation schedule has not been set. Considering none of the scenarios currently under consideration call for any new units to be in service in 2011, I suggest you leave the number the same. I don't have anything more concrete to offer at this time.

Thanks,

Eileen

From: Cosby, David
Sent: Thursday, August 12, 2010 12:22 AM
To: Saunders, Eileen
Subject: RE: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

Hey Eileen. I hope all is well with you and your family. Summer is almost over for the kids. Time flies.

Are there any updates to the ongoing O&M costs estimated from the short file and long file that were sent out in late June? We are still using the \$191M per year (with Cane Run and Green River taken out of the overall \$260M total). I have not heard if the proposed reduction on Mill Creek scope is "official" or not and if that impacts this original O&M estimate breakdown. I know the timing on some things will change and I am using Rusty's block diagram for that.

Please advise when you get a chance. Thanks.

David L. Cosby Jr.

Manager - Fin. & Budgeting - Power Production

EON US / LG&E / KU

502-627-2499

david.cosby@eon-us.com

From: Saunders, Eileen
Sent: Monday, June 21, 2010 11:30 AM
To: Voyles, John; Bowling, Ralph; Crutcher, Tom; Turner, Haley; Fraley, Jeffrey; Pabian, Brad; Carman, Barry; Joyce, Jeff; Nix, Stephen; Piening, Carla; Kirkland, Mike; Koller, Tiffany; Stevens, Michael; Troost, Tom; Harper, Travis; Turner, Steven; Hensley, Mike; Wilson, Stuart; Karavayev, Louanne; Cosby, David; Hudson, Rusty; Raque, Gary; Revlett, Gary; Black, Greg; Imber, Philip
Cc: Straight, Scott
Subject: FW: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

All,

Enclosed, please find the draft report from B&V. Scott and I have just begun the review but I wanted to share the document with you as well. As discussed previously, this information does not meet the criteria for Level 1 Engineering, but it is a starting point for further analysis. If you have any comments, please send them to me by Friday, June 25, 2010.

Before you print this document, I want to warn you that it is roughly 400 pages.

Thanks,

Eileen

From: Lucas, Kyle J. [mailto:LucasKJ@bv.com]
Sent: Thursday, June 17, 2010 10:20 PM
To: Saunders, Eileen
Cc: Hillman, Timothy M.; Mahabaleshwarkar, Anand; Lawson, Stacy J.
Subject: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

Eileen,
Attached, please find the draft air quality control Technology Cost Report. Please review the document and provide one set of consolidated written comments by COB Thursday June 24, 2010. B&V will review the consolidated comments and incorporate, as appropriate, into the final report.

Additionally, Please confirm receipt of this document.

Regards,
Kyle

Kyle Lucas | Environmental Permitting Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-9062 | Fax: (913) 458-9062
Email: lucaskj@bv.com

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From: Cosby, David
To: Saunders, Eileen
Sent: 8/13/2010 10:55:21 AM
Subject: RE: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

Thanks. We will proceed with the estimates based on how it looks right now. Everyone knows things are subject to change.

Did everything go as planned with your daughter yesterday?

David L. Cosby Jr.
 Manager - Fin. & Budgeting - Power Production
 EON US / LG&E / KU
 502-627-2499
david.cosby@eon-us.com

From: Saunders, Eileen
Sent: Friday, August 13, 2010 10:53 AM
To: Cosby, David
Cc: Straight, Scott
Subject: RE: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

David,

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Please advise when you get a chance. Thanks.

David L. Cosby Jr.
 Manager - Fin. & Budgeting - Power Production
 EON US / LG&E / KU
 502-627-2499
david.cosby@eon-us.com

From: Saunders, Eileen
Sent: Monday, June 21, 2010 11:30 AM
To: Voyles, John; Bowling, Ralph; Crutcher, Tom; Turner, Haley; Fraley, Jeffrey; Pabian, Brad; Carman, Barry; Joyce, Jeff; Nix,

Stephen; Piening, Carla; Kirkland, Mike; Koller, Tiffany; Stevens, Michael; Troost, Tom; Harper, Travis; Turner, Steven; Hensley, Mike; Wilson, Stuart; Karavayev, Louanne; Cosby, David; Hudson, Rusty; Raque, Gary; Revlett, Gary; Black, Greg; Imber, Philip

Cc: Straight, Scott

Subject: FW: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

All,

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Before you print this document, I want to warn you that it is roughly 400 pages.

Thanks,

Eileen

From: Lucas, Kyle J. [mailto:Lucaskj@bv.com]

Sent: Thursday, June 17, 2010 10:20 PM

To: Saunders, Eileen

Cc: Hillman, Timothy M.; Mahabaleshwarkar, Anand; Lawson, Stacy J.

Subject: 167987.26.0000 100617 - EON Draft AQC Technology Cost Report

Eileen,

Attached, please find the draft air quality control Technology Cost Report. Please review the document and provide one set of consolidated written comments by COB Thursday June 24, 2010. B&V will review the consolidated comments and incorporate, as appropriate, into the final report.

Additionally, Please confirm receipt of this document.

Regards,

Kyle

Kyle Lucas | Environmental Permitting Manager

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue

Overland Park, KS 66211

Phone: (913) 458-9062 | Fax: (913) 458-9062

Email: lucaskj@bv.com

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Straight, Scott; Self, Charlotte; Lausman, Rick L.; Mahabaleshwarkar, Anand; Harris, David K. (Dave)
Sent: 8/16/2010 8:32:48 AM
Subject: RE: Reschedule conference call

Eileen,

Tuesday at 2 pm (your time, 1 pm ours) appears to work for most of us. It looks like Anand may have a conflict for the first half-hour, but lets go ahead and lock it in. I'll send around a revised meeting notice and call in number.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Sunday, August 15, 2010 7:32 PM
To: Hillman, Timothy M.
Cc: Straight, Scott; Self, Charlotte; Lausman, Rick L.; Mahabaleshwarkar, Anand; Harris, David K. (Dave); Wehrly, M. R.
Subject: Re: Reschedule conference call

Tim,

I checked with Scott and he is unavailable on Monday. Tuesday at 2 pm our time would work better for us.

Please let me know if that works for you.

Thanks,

Eileen

From: Hillman, Timothy M. <HillmanTM@bv.com>
To: Saunders, Eileen
Cc: Straight, Scott; Self, Charlotte; Lausman, Rick L. <LausmanRL@bv.com>; Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Harris, David K. (Dave) <HarrisDK@bv.com>; Wehrly, M. R. <WehrlyMR@bv.com>
Sent: Wed Aug 11 14:27:53 2010
Subject: RE: Reschedule conference call

Eileen,

Thanks, I received your voice mail as well. Unfortunately, Friday does not work well for B&V, as 3 of our team members will be out of the office. Tomorrow (Thursday) it looks like we have availability at 10 am and 3 pm our time (11 am and 4 pm yours), but if that doesn't work, I suggest Monday at 1pm our time, 2 pm yours. Please let me know.

Best regards,

Tim Hillman | Senior Air Quality Scientist
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue

Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Wednesday, August 11, 2010 12:49 PM
To: Hillman, Timothy M.
Cc: Straight, Scott; Self, Charlotte
Subject: Reschedule conference call
Importance: High

Tim,

I tried to call you a few minutes ago to ask if we could reschedule our conference call for Friday. I have been asked to work on some cash flows that will need my attention for the next few hours. Also, Scott is in a meeting and I am not sure that he will be able to step out.

I think it is a better use of everyone's time to reschedule.

Please call my office or respond to this email to let me know you received the message.

Thanks,

Eileen

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From: Saunders, Eileen
To: 'HillmanTM@bv.com'
CC: Straight, Scott
Sent: 8/16/2010 8:37:30 AM
Subject: Re: Reschedule conference call

Tim,

Thank you and please send out the meeting notice.

Eileen

From: Hillman, Timothy M. <HillmanTM@bv.com>
To: Saunders, Eileen
Cc: Straight, Scott; Self, Charlotte; Lausman, Rick L. <LausmanRL@bv.com>; Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Harris, David K. (Dave) <HarrisDK@bv.com>
Sent: Mon Aug 16 08:32:48 2010
Subject: RE: Reschedule conference call

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Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Sunday, August 15, 2010 7:32 PM
To: Hillman, Timothy M.
Cc: Straight, Scott; Self, Charlotte; Lausman, Rick L.; Mahabaleshwarkar, Anand; Harris, David K. (Dave); Wehrly, M. R.
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To: Saunders, Eileen
Cc: Straight, Scott; Self, Charlotte; Lausman, Rick L. <LausmanRL@bv.com>; Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>; Harris, David K. (Dave) <HarrisDK@bv.com>; Wehrly, M. R. <WehrlyMR@bv.com>

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Best regards,

Tim Hillman | Senior Air Quality Scientist
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Wednesday, August 11, 2010 12:49 PM
To: Hillman, Timothy M.
Cc: Straight, Scott; Self, Charlotte
Subject: Reschedule conference call
Importance: High

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Eileen

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From: Hillman, Timothy M.
To: Straight, Scott
CC: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Saunders, Eileen
Sent: 8/16/2010 9:17:35 AM
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work
Attachments: ArchiveInfo.htm

Scott,

Please find attached a revised table indicating 96 percent removal for the refurbished scrubbers. We also made a slight revision to the AQC schematic and cost table, adding a key to the legend indicating that Unit 1's ESP would be removed.

We look forward talking to you tomorrow during our conference call.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Straight, Scott [mailto:Scott.Straight@eon-us.com]
Sent: Thursday, August 12, 2010 1:34 PM
To: Hillman, Timothy M.; Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

Tim,

The targeted SO2 removal for the Unit 1, Unit 2 and Unit 4 (to serve Unit 3) FGDs is 96%, not 93%. They are doing this now at times.

Scott Straight, P.E.
Project Engineering - E.ON U.S.
Director, Project Engineering
O (502) 627-2701
F (502) 217-2040
scott.straight@eon-us.com

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Tuesday, August 10, 2010 7:47 PM
To: Saunders, Eileen; Straight, Scott
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Hillman, Timothy M.
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work
Importance: High

Scott and Eileen,

Please find attached the draft meeting minutes and spreadsheet with schematic and costs from our AQC Workshop last Thursday and Friday in your office. We look forward to reviewing this with you during our conference call on Wednesday (2 pm your time).

Best regards,

Tim Hillman | Project Manager
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

nothy M.
August 10, 2010 2:18 PM
en; Wehrly, M. R.; Straight, Scott; Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike)
Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work
r, August 11, 2010 1:00 PM-2:00 PM (GMT-06:00) Central Time (US & Canada).
sV Folks)

Call in number

877-603-8688

Conf ID: 8791684

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This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- EON cost Analysis Mill Creek Upgrade Final Rev 1.pdf

From: Hillman, Timothy M.
To: Saunders, Eileen
Sent: 8/17/2010 5:37:39 PM
Subject: Phase II AQC Work

Eileen,

My schedule is open tomorrow (Wednesday 8/18) morning. Just send me an email with a convenient time for you and I will give you a call.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: 'HillmanTM@bv.com'
Sent: 8/17/2010 5:43:36 PM
Subject: Re: Phase II AQC Work

How about 10 my time and 9 yours?

Eileen

From: Hillman, Timothy M. <HillmanTM@bv.com>
To: Saunders, Eileen
Sent: Tue Aug 17 17:37:39 2010
Subject: Phase II AQC Work

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Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
To: Saunders, Eileen
Sent: 8/17/2010 5:45:51 PM
Subject: RE: Phase II AQC Work

That works.

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Tuesday, August 17, 2010 4:44 PM
To: Hillman, Timothy M.
Subject: Re: Phase II AQC Work

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Eileen

From: Hillman, Timothy M. <HillmanTM@bv.com>
To: Saunders, Eileen
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therein by error, please contact the sender and delete the material from your/any storage medium.

From: Hillman, Timothy M.
To: Whitworth, Wayne
CC: Saunders, Eileen
Sent: 8/18/2010 4:04:46 PM
Subject: RE: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

Hi Wayne, I can certainly do that. However, I am making some revisions to the proposal based on a conference call with Scott and Eileen yesterday. I'm assuming that you would rather have the revised version when its ready? I hope to have it ready by this Friday or Monday. Let me know.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Wednesday, August 18, 2010 2:59 PM
To: Hillman, Timothy M.
Cc: Saunders, Eileen
Subject: RE: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities
Importance: High

Tim,

Can you provide me the Phase II proposal in native Word format, please?

Regards,

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Saunders, Eileen
Sent: Wednesday, August 18, 2010 10:58 AM
To: Whitworth, Wayne
Subject: FW: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]

Sent: Friday, July 23, 2010 3:23 PM

To: Saunders, Eileen

Cc: King, Michael L. (Mike); Lucas, Kyle J.; Hillman, Timothy M.; Wehrly, M. R.

Subject: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

Eileen,

I want to thank you again for allowing Black & Veatch the opportunity to continue our engineering services for E.ON. As we have discussed over the last few weeks, please find attached a proposed scope of work and cost estimate for performing Air Quality Control Budgetary Cost Estimate services for the Mill Creek, Ghent, and Brown facilities. The cost estimate is based on our mutually agreed upon scope of work, the Mill Creek Biomass Co-Firing Project labor rate sheet, and discussions from our July 7th conference call.

A few highlights of our proposal include:

- 1-Month Stagger in Project Kickoff Between Facilities
- AQC Technology Screening Analysis (Task 6)
- Comprehensive List of Conceptual Design Deliverables (Task 7)
- Budgetary Level Cost Estimate (Task 8)
- Proposed Trips Include: 1) Kickoff and Site Visit, 2) Presentation of the AQC Screening Results, and 3) Presentation of Cost Estimate and Final Report

We look forward to getting started and working with E.ON on these important projects.

Best regards,

Tim Hillman | Project Manager

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

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From: Whitworth, Wayne
To: 'Hillman, Timothy M.'
CC: Saunders, Eileen
Sent: 8/18/2010 4:07:37 PM
Subject: RE: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

If you can send me the current version along with the revised one when ready, well that would be fantastic.

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, August 18, 2010 4:05 PM
To: Whitworth, Wayne
Cc: Saunders, Eileen
Subject: RE: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities
Importance: High

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Phone: (913) 458-7928
Email: hillmantm@bv.com

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Sent: Wednesday, August 18, 2010 2:59 PM
To: Hillman, Timothy M.
Cc: Saunders, Eileen
Subject: RE: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities
Importance: High

Tim,

Can you provide me the Phase II proposal in native Word format, please?

Regards,

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Saunders, Eileen
Sent: Wednesday, August 18, 2010 10:58 AM
To: Whitworth, Wayne
Subject: FW: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, July 23, 2010 3:23 PM
To: Saunders, Eileen
Cc: King, Michael L. (Mike); Lucas, Kyle J.; Hillman, Timothy M.; Wehrly, M. R.
Subject: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

Eileen,

I want to thank you again for allowing Black & Veatch the opportunity to continue our engineering services for E.ON. As we have discussed over the last few weeks, please find attached a proposed scope of work and cost estimate for performing Air Quality Control Budgetary Cost Estimate services for the Mill Creek, Ghent, and Brown facilities. The cost estimate is based on our mutually agreed upon scope of work, the Mill Creek Biomass Co-Firing Project labor rate sheet, and discussions from our July 7th conference call.

A few highlights of our proposal include:

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- Comprehensive List of Conceptual Design Deliverables (Task 7)
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- Proposed Trips Include: 1) Kickoff and Site Visit, 2) Presentation of the AQC Screening Results, and 3) Presentation of Cost Estimate and Final Report

We look forward to getting started and working with E.ON on these important projects.

Best regards,

Tim Hillman | Project Manager

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

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From: Hillman, Timothy M.
To: Straight, Scott
CC: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Saunders, Eileen
Sent: 8/19/2010 2:46:19 PM
Subject: 15.0200 100819 Mill Creek AQC Workshop of Aug 5-6 - Final Meeting Minutes
Attachments: ArchiveInfo.htm

Scott,

As we discussed in our Tuesday (8/17) conference call, please find attached final meeting minutes from our Mill Creek AQC Workshop of August 5th and 6th.

Best Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
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Phone: (913) 458-7928
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From: Hillman, Timothy M.
Sent: Monday, August 16, 2010 8:18 AM
To: 'Straight, Scott'
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Saunders, Eileen
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

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Please find attached a revised table indicating 96 percent removal for the refurbished scrubbers. We also made a slight revision to the AQC schematic and cost table, adding a key to the legend indicating that Unit 1's ESP would be removed.

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Sent: Thursday, August 12, 2010 1:34 PM
To: Hillman, Timothy M.; Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

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The targeted SO2 removal for the Unit 1, Unit 2 and Unit 4 (to serve Unit 3) FGDs is 96%, not 93%. They are doing this now at times.

Scott Straight, P.E.
Project Engineering - E.ON U.S.
Director, Project Engineering
O (502) 627-2701
F (502) 217-2040
scott.straight@eon-us.com

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Tuesday, August 10, 2010 7:47 PM
To: Saunders, Eileen; Straight, Scott
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Hillman, Timothy M.
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work
Importance: High

Scott and Eileen,

Please find attached the draft meeting minutes and spreadsheet with schematic and costs from our AQC Workshop last Thursday and Friday in your office. We look forward to reviewing this with you during our conference call on Wednesday (2 pm your time).

Best regards,

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August 10, 2010 2:18 PM
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Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work
r, August 11, 2010 1:00 PM-2:00 PM (GMT-06:00) Central Time (US & Canada).
sV Folks)

Call in number

877-603-8688

Conf ID: 8791684

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- Mill Creek AQC Workshop Aug 5-6 - Conf Memo Final 081910.pdf

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Lausman, Rick L.; Wehrly, M. R.; Lucas, Kyle J.
Sent: 8/20/2010 1:13:01 PM
Subject: RE: Meeting Date

Will do.

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, August 20, 2010 11:53 AM
To: Hillman, Timothy M.
Subject: Meeting Date

Tim,

I got your voice mail and have left a message for the plant. Please hold 9/14-9/16 until I hear back from them.

Thanks,

Eileen

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: King, Michael L. (Mike); Lucas, Kyle J.; Wehrly, M. R.; Harris, David K. (Dave); Mahabaleshwarkar, Anand; Whitworth, Wayne; Straight, Scott; Hillman, Timothy M.
Sent: 8/20/2010 4:47:30 PM
Subject: 10.0100 100820 E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities
Attachments: ArchiveInfo.htm

Eileen,

Please find attached a revised proposal stemming from our discussions during an August 17th conference call. Revisions to note in this proposal include the following:

- A task-itemized cost for each facility (Mill Creek, Ghent, and Brown)
- Revised costs based on the differences in complexity between the proposed AQC scenarios for each facility
- Addition of the Fabric Filter Specification and Workshop
- Revised Milestone Schedule based on an August 26th Notice to Proceed, and Mill Creek Kick-Off Meeting during the week of September 13th.
- More scope definition under Task 6 to describe the initial AQC scenarios that have been developed for each facility, as well as the specific analyses proposed in order to evaluate, validate, vet, and ultimately select these AQC technology scenarios for conceptual design and cost estimation.

For Wayne: I have included the native Word file and labor Resource Charts.

I trust you will find this proposal responsive to your needs. We look forward to working with E.ON and starting this important project.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 65211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
Sent: Friday, July 23, 2010 2:23 PM
To: 'Saunders, Eileen'
Cc: King, Michael L. (Mike); Lucas, Kyle J.; Hillman, Timothy M.; Wehrly, M. R.
Subject: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

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Best regards,

Tim Hillman | Project Manager

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Phone: (913) 458-7928

Email: hillmantm@bv.com

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The following attachments were archived from this message:

- EON AQC Budgetary Cost Estimate Proposal Rev 1 082010.pdf
- EON Proposal for AQC Budgetary Cost Estimate Rev 1.doc

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
CC: King, Michael L. (Mike); Lucas, Kyle J.; Wehrly, M. R.; Harris, David K. (Dave); Mahabaleshwarkar, Anand; Whitworth, Wayne; Straight, Scott
Sent: 8/23/2010 8:43:01 AM
Subject: RE: 10.0100 100820 E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

Tim,

We have received your information and are in the process of reviewing the proposal.

Thank you,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, August 20, 2010 4:48 PM
To: Saunders, Eileen
Cc: King, Michael L. (Mike); Lucas, Kyle J.; Wehrly, M. R.; Harris, David K. (Dave); Mahabaleshwarkar, Anand; Whitworth, Wayne; Straight, Scott; Hillman, Timothy M.
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Power Generation - Environmental Services
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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
Sent: Friday, July 23, 2010 2:23 PM

To: 'Saunders, Eileen'

Cc: King, Michael L. (Mike); Lucas, Kyle J.; Hillman, Timothy M.; Wehrly, M. R.

Subject: E.ON Phase II - Proposal for AQC Budgetary Cost Estimate - Mill Creek, Ghent and Brown Facilities

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We look forward to getting started and working with E.ON on these important projects.

Best regards,

Tim Hillman | Project Manager

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

From: Hillman, Timothy M.
To: Saunders, Eileen
Sent: 8/24/2010 4:51:34 PM
Subject: RE: Site Visit

Sounds like that should work then.

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Tuesday, August 24, 2010 3:48 PM
To: Hillman, Timothy M.
Subject: Site Visit

Tim,

I am in the middle of something but B&V can come to the site again on the 17th.

Thanks,

Eileen

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Mahabaleshwarkar, Anand; Lucas, Kyle J.; Lausman, Rick L.; Wehrly, M. R.; King, Michael L. (Mike); Pollins, Kent D.
Sent: 8/25/2010 9:05:43 AM
Subject: Revised E.ON Kick-Off Meeting Dates for Mill Creek

Eileen,

I received your voice mail this morning and understand you wish to have the administrative portion of the kickoff meeting in your Engineering Offices on the afternoon of Tuesday (9/14). We would then be on-site at Mill Creek Wednesday and Thursday (9/15 and 9/16). Black & Veatch would travel Tuesday morning and depart either Thursday evening or Friday depending on schedule and flights.

I understand you will confirm this with a meeting invitation.

Also Eileen, I wonder if you could comment on the status of releasing this work to Black & Veatch, as I would like to be in a position to make travel arrangements for the kick-off meeting and site visit while they are still somewhat economical. I would also like to give our team some preparation time that we have budgeted for in our proposal to prepare for the site visits, including reviewing the archived data you have already provided to B&V so we can prepare a more detailed request of any missing information, as well as for preparing an agenda for the kick-off meeting and on-site activities. We would also like to begin preparing a project schedule and staffing plan to support the project as soon as possible, as these will certainly be topics during the kick-off meeting.

I recall Scott mentioning an Executive Committee meeting tomorrow (Aug 26) to review and approve this next phase of work. Would E.ON be in a position at that point to provide Black & Veatch a written (email) notice to proceed while the contract is being signed? That should allow us to get started on the limited activities I described above.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: Kirkland, Mike; Revlett, Gary; Imber, Philip; Gregory, Ronald
CC: Straight, Scott
Sent: 8/26/2010 7:48:35 AM
Subject: FW: 15.0200 100819 Mill Creek AQC Workshop of Aug 5-6 - Final Meeting Minutes
Attachments: ArchiveInfo.htm

All,

Here are the final minutes from the Workshop on August 5-6 issued by B&V.

Thank you,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Thursday, August 19, 2010 2:46 PM
To: Straight, Scott
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Saunders, Eileen
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Scott,

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Best Regards,

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From: Hillman, Timothy M.
Sent: Monday, August 16, 2010 8:18 AM
To: 'Straight, Scott'
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Saunders, Eileen
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

Scott,

Please find attached a revised table indicating 96 percent removal for the refurbished scrubbers. We also made a slight revision to the AQC schematic and cost table, adding a key to the legend indicating that Unit 1's ESP would be removed.

We look forward talking to you tomorrow during our conference call.

Best regards,

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Power Generation - Environmental Services

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Sent: Thursday, August 12, 2010 1:34 PM
To: Hillman, Timothy M.; Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

Tim,

The targeted SO2 removal for the Unit 1, Unit 2 and Unit 4 (to serve Unit 3) FGDs is 96%, not 93%. They are doing this now at times.

Scott Straight, P.E.
Project Engineering - E.ON U.S.
Director, Project Engineering
O (502) 627-2701
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scott.straight@eon-us.com

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To: Saunders, Eileen; Straight, Scott
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Hillman, Timothy M.
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iV Folks)

Call in number

877-603-8688

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From: Saunders, Eileen
To: Karavayev, Louanne
Sent: 8/26/2010 5:01:35 PM
Subject: FW: 15.0200 100819 Mill Creek AQC Workshop of Aug 5-6 - Final Meeting Minutes
Attachments: ArchiveInfo.htm

LouAnne,

We will focus on the final page of this document for our discussion tomorrow.

Thanks,

Eileen

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Sent: Thursday, August 19, 2010 2:46 PM
To: Straight, Scott
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Saunders, Eileen
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Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work
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iV Folks)

Call in number

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To: Karavayev, Louanne
Sent: 8/26/2010 5:03:07 PM
Subject: FW: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work
Attachments: ArchiveInfo.htm

This should help as well. I will send the MTP stuff in the morning since I am leaving for a meeting in a few minutes.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, August 16, 2010 9:18 AM
To: Straight, Scott
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Saunders, Eileen
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

Scott,

Please find attached a revised table indicating 96 percent removal for the refurbished scrubbers. We also made a slight revision to the AQC schematic and cost table, adding a key to the legend indicating that Unit 1's ESP would be removed.

We look forward talking to you tomorrow during our conference call.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Straight, Scott [mailto:Scott.Straight@eon-us.com]
Sent: Thursday, August 12, 2010 1:34 PM
To: Hillman, Timothy M.; Saunders, Eileen
Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.
Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

Tim,

The targeted SO2 removal for the Unit 1, Unit 2 and Unit 4 (to serve Unit 3) FGDs is 96%, not 93%. They are doing this now at times.

Scott Straight, P.E.
Project Engineering - E.ON U.S.
Director, Project Engineering
O (502) 627-2701
F (502) 217-2040

scott.straight@eon-us.com

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]

Sent: Tuesday, August 10, 2010 7:47 PM

To: Saunders, Eileen; Straight, Scott

Cc: Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike); Wehrly, M. R.; Ballard, Michael W; Lucas, Kyle J.; Hillman, Timothy M.

Subject: RE: E.ON Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

Importance: High

Scott and Eileen,

Please find attached the draft meeting minutes and spreadsheet with schematic and costs from our AQC Workshop last Thursday and Friday in your office. We look forward to reviewing this with you during our conference call on Wednesday (2 pm your time).

Best regards,

Tim Hillman | Project Manager

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue

Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

nothy M.

August 10, 2010 2:18 PM

en; Wehrly, M. R.; Straight, Scott; Mahabaleshwarkar, Anand; Lausman, Rick L.; Harris, David K. (Dave); King, Michael L. (Mike)

Conference Call - Review Workshop Meeting Minutes and Next Phase Scope of Work

, August 11, 2010 1:00 PM-2:00 PM (GMT-06:00) Central Time (US & Canada).

WV Folks)

Call in number

877-603-8688

Conf ID: 8791684

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This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- EON cost Analysis Mill Creek Upgrade Final Rev 1.pdf

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: King, Michael L. (Mike)
Sent: 8/27/2010 8:51:20 AM
Subject: FW: EON Contract
Attachments: ArchiveInfo.htm

Eileen,

You are right, we refer to Black & Veatch in the first paragraph of Exhibit 5 (our GSA contract with E.ON, attached) as "**Black & Veatch Corporation, a Delaware corporation**".

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- Scan001 (2).PDF

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: King, Michael L. (Mike)
Sent: 8/30/2010 12:04:44 PM
Subject: RE: EON Contract

Eileen,

Hope you had a pleasant weekend, mine was all about a volleyball fund raiser for my daughter....a car wash. The season's first match is tomorrow, so we're excited. Just wanted to touch base with you regarding the Phase II work. I trust things went well for Scott in the Investment Committee Meeting last Thursday. Tomorrow is two weeks out from the kick-off meeting, and as you know, airline prices begin to climb fairly rapidly after that point. Considering the travel arrangements and some preparation we would like to do before the site visit, I was curious about the status of releasing this work.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
Sent: Friday, August 27, 2010 7:51 AM
To: 'Saunders, Eileen'
Cc: King, Michael L. (Mike)
Subject: FW: EON Contract

Eileen,

You are right, we refer to Black & Veatch in the first paragraph of Exhibit 5 (our GSA contract with E.ON, attached) as "**Black & Veatch Corporation, a Delaware corporation**".

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
CC: King, Michael L. (Mike)
Sent: 8/30/2010 4:40:29 PM
Subject: RE: EON Contract

Hi Tim,

I should be able to let you know something by Wednesday.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, August 30, 2010 12:05 PM
To: Saunders, Eileen
Cc: King, Michael L. (Mike)
Subject: RE: EON Contract

Eileen,

Hope you had a pleasant weekend, mine was all about a volleyball fund raiser for my daughter....a car wash. The season's first match is tomorrow, so we're excited. Just wanted to touch base with you regarding the Phase II work. I trust things went well for Scott in the Investment Committee Meeting last Thursday. Tomorrow is two weeks out from the kick-off meeting, and as you know, airline prices begin to climb fairly rapidly after that point. Considering the travel arrangements and some preparation we would like to do before the site visit, I was curious about the status of releasing this work.

Best regards,

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Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
Sent: Friday, August 27, 2010 7:51 AM
To: 'Saunders, Eileen'
Cc: King, Michael L. (Mike)
Subject: FW: EON Contract

Eileen,

You are right, we refer to Black & Veatch in the first paragraph of Exhibit 5 (our GSA contract with E.ON, attached) as "**Black & Veatch Corporation, a Delaware corporation**".

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
To: Whitworth, Wayne
CC: Saunders, Eileen; Clements, Joe
Sent: 8/31/2010 12:52:48 PM
Subject: RE: Draft AQCS Contract

Thanks Wayne. We'll take a look at it.

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

Tim,

<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

Attached is a draft for the Phase II Air Quality Control Study. Please let me know if you have any comments as we continue to seek the required approvals to proceed..

Regards

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

Fax: 502.217.2843

Cell: 502.762.6614

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From: Hillman, Timothy M.
To: Whitworth, Wayne
CC: Saunders, Eileen; Clements, Joe; Pollins, Kent D.; King, Michael L. (Mike); Hillman, Timothy M.
Sent: 9/1/2010 1:53:13 PM
Subject: RE: Draft AQCS Contract
Attachments: ArchiveInfo.htm

Wayne,

Please find attached subject contract with a few minors edits/revisions in track-changes. You will find the track-changes on the following pages of the draft contract.

- Pg 2, Section 5.3
- Pg 3, Section 8.1
- Pg 4, Section 9.1.1
- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8
- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantr@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

Tim,

<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

Attached is a draft for the Phase II Air Quality Control Study. Please let me know if you have any comments as we continue to seek the required approvals to proceed..

Regards

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

Fax: 502.217.2843

Cell: 502.762.6614

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The following attachments were archived from this message:

- Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) BV Comments 090110.docx

From: Hillman, Timothy M.
To: Saunders, Eileen
Sent: 9/3/2010 1:10:46 PM
Subject: RE: site visits

Thanks Eileen,

Have a pleasant holiday.

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, September 03, 2010 11:43 AM
To: Hillman, Timothy M.
Subject: site visits

Tim,

I will confirm with you on Tuesday but it should not be a problem having your team come to the site on Tuesday. I just have to make sure I have an escort but please plan on being able to go to the site.

Thanks,

Eileen

The information contained in this transmission is intended only for the person or entity to which it is directly addressed or copied. It may contain material of confidential and/or private nature. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is not allowed. If you received this message and the information contained therein by error, please contact the sender and delete the material from your/any storage medium.

From: Saunders, Eileen
To: Whitworth, Wayne
CC: Clements, Joe
Sent: 9/3/2010 1:16:30 PM
Subject: FW: Draft AQCS Contract
Attachments: ArchiveInfo.htm

Just wanted to let you know that Rusty said the project passed investment committee review. He is in the process of circulating the award recommendation.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 01, 2010 1:53 PM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; Pollins, Kent D.; King, Michael L. (Mike); Hillman, Timothy M.
Subject: RE: Draft AQCS Contract
Importance: High

Wayne,

Please find attached subject contract with a few minors edits/revisions in track-changes. You will find the track-changes on the following pages of the draft contract.

- Pg 2, Section 5.3
- Pg 3, Section 8.1
- Pg 4, Section 9.1.1
- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8
- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

Tim,

<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

Attached is a draft for the Phase II Air Quality Control Study. Please let me know if you have any comments as we continue to seek the required approvals to proceed..

Regards

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

Fax: 502.217.2843

Cell: 502.762.6614

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The following attachments were archived from this message:

- Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) BV Comments 090110.docx

From: Whitworth, Wayne
To: 'Hillman, Timothy M.'
CC: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike)
Sent: 9/7/2010 10:01:27 AM
Subject: RE: Draft AQCS Contract - Notice To Proceed
Attachments: ArchiveInfo.htm

Tim,

Please find attached our Contract Notice To Proceed for Phase II Air Quality Control Study incorporating your comments of September 1, 2010. Please print two copies, sign both as originals and return to my attention. A countersigned duplicate original will be returned for your records.

Note that the attached does not include a contract number. Our Contract Number will be assigned when the project is established in our accounting systems, anticipated to be later this week. The Contract Number must be included on all invoices presented for payment.

Eileen Saunders will be contacting you to arrange a project kick-off meeting to be held in Louisville sometime next week.

Should you have any questions, please do not hesitate to call.

Best regards,

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 01, 2010 1:53 PM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; Pollins, Kent D.; King, Michael L. (Mike); Hillman, Timothy M.
Subject: RE: Draft AQCS Contract
Importance: High

Wayne,

Please find attached subject contract with a few minors edits/revisions in track-changes. You will find the track-changes on the following pages of the draft contract.

- Pg 2, Section 5.3
- Pg 3, Section 8.1
- Pg 4, Section 9.1.1
- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8

- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

Tim,

<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

Attached is a draft for the Phase II Air Quality Control Study. Please let me know if you have any comments as we continue to seek the required approvals to proceed..

Regards

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

Fax: 502.217.2843

Cell: 502.762.6614

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This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- Contract FINAL Black Veatch (unnumbered).pdf

From: Saunders, Eileen
To: Whitworth, Wayne; 'Hillman, Timothy M.'
CC: Clements, Joe; 'King, Michael L. (Mike)'
Sent: 9/7/2010 10:31:23 AM
Subject: RE: Draft AQCS Contract - Notice To Proceed

Tim,

Please consider this email your Notice to Proceed for preparations associated with kicking off the project at Mill Creek. As discussed, B&V will be in Louisville for site meetings and planning sessions from September 14-16.

Thank you,

Eileen

From: Whitworth, Wayne
Sent: Tuesday, September 07, 2010 10:01 AM
To: 'Hillman, Timothy M.'
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike)
Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

Tim,

Please find attached our Contract Notice To Proceed for Phase II Air Quality Control Study incorporating your comments of September 1, 2010. Please print two copies, sign both as originals and return to my attention. A countersigned duplicate original will be returned for your records.

Note that the attached does not include a contract number. Our Contract Number will be assigned when the project is established in our accounting systems, anticipated to be later this week. The Contract Number must be included on all invoices presented for payment.

Eileen Saunders will be contacting you to arrange a project kick-off meeting to be held in Louisville sometime next week.

Should you have any questions, please do not hesitate to call.

Best regards,

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 01, 2010 1:53 PM

To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; Pollins, Kent D.; King, Michael L. (Mike); Hillman, Timothy M.
Subject: RE: Draft AQCS Contract
Importance: High

Wayne,

Please find attached subject contract with a few minors edits/revisions in track-changes. You will find the track-changes on the following pages of the draft contract.

- Pg 2, Section 5.3
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- Pg 4, Section 9.1.1
- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8
- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

Tim,

<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

Attached is a draft for the Phase II Air Quality Control Study. Please let me know if you have any comments as we continue to seek the required approvals to proceed..

Regards

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

Fax: 502.217.2843

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From: Hillman, Timothy M.
To: Whitworth, Wayne; Saunders, Eileen
CC: Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Sent: 9/7/2010 10:32:03 AM
Subject: RE: Draft AQCS Contract - Notice To Proceed

Thank you Wayne.

Eileen, Thanks for you help on this. I'm reviewing the contract now and will be forwarding to my management for signature. As we discussed this morning, can you please send me an email notice to proceed so I may initiate the project and travel reservations on my end as both parties sign the contract.

Thanks!

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, September 07, 2010 9:01 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike)
Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

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Eileen Saunders will be contacting you to arrange a project kick-off meeting to be held in Louisville sometime next week.

Should you have any questions, please do not hesitate to call.

Best regards,

W. Wayne Whitworth
Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 01, 2010 1:53 PM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; Pollins, Kent D.; King, Michael L. (Mike); Hillman, Timothy M.
Subject: RE: Draft AQCS Contract
Importance: High

Wayne,

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- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8
- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
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Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

Tim,

<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

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Regards

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

Fax: 502.217.2843

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From: Hillman, Timothy M.
To: Saunders, Eileen
Sent: 9/7/2010 2:38:55 PM
Subject: RE: Confirmation

I did. Thank you very much. We are making travel arrangements as we speak.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Tuesday, September 07, 2010 1:33 PM
To: Hillman, Timothy M.
Subject: Confirmation

Tim,

Please confirm that you received my NTP from earlier this morning.

Thanks,

Eileen

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From: Hillman, Timothy M.
To: Whitworth, Wayne
CC: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Sent: 9/8/2010 10:03:32 AM
Subject: RE: Draft AQCS Contract - Notice To Proceed

Wayne,

I understand that the contract has been signed and that originals were sent to you via FedEx yesterday.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, September 07, 2010 9:01 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike)
Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

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Note that the attached does not include a contract number. Our Contract Number will be assigned when the project is established in our accounting systems, anticipated to be later this week. The Contract Number must be included on all invoices presented for payment.

Eileen Saunders will be contacting you to arrange a project kick-off meeting to be held in Louisville sometime next week.

Should you have any questions, please do not hesitate to call.

Best regards,

W. Wayne Whitworth
Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 01, 2010 1:53 PM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; Pollins, Kent D.; King, Michael L. (Mike); Hillman, Timothy M.
Subject: RE: Draft AQCS Contract
Importance: High

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- Pg 2, Section 5.3
- Pg 3, Section 8.1
- Pg 4, Section 9.1.1
- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8
- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

Tim,

<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

Attached is a draft for the Phase II Air Quality Control Study. Please let me know if you have any comments as we continue to seek the required approvals to proceed..

Regards

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

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From: Whitworth, Wayne
To: 'Hillman, Timothy M.'
CC: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Sent: 9/9/2010 8:42:21 AM
Subject: RE: Draft AQCS Contract - Notice To Proceed
Attachments: ArchiveInfo.htm

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W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

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This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- B&V Phase II AQCS Contract (UNNUMBERED)0001.pdf

From: Hillman, Timothy M.
To: Whitworth, Wayne
CC: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Sent: 9/9/2010 8:48:00 AM
Subject: RE: Draft AQCS Contract - Notice To Proceed

Thanks Wayne.

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11401 Lamar Avenue
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Phone: (913) 458-7928
Email: hillmantm@bv.com

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- Pg 17, Exhibit 1, Scope of work, Task 8
- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

Tim Hillman | Project Manager
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Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

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Project Engineering

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820 West Broadway

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From: Saunders, Eileen
To: 'HillmanTM@bv.com'
Sent: 9/9/2010 8:52:51 AM
Subject: Re: Draft AQCS Contract - Notice To Proceed

Tim,

Last time we met as a group, you sent me a sample agenda that I modified. Can you send me a draft that I can review? I would like to send something to the plant tomorrow.

Thanks,

Eileen

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To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike) <kingml@bv.com>; Pollins, Kent D. <PollinsKD@bv.com>
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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Wehry, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand
Sent: 9/9/2010 9:37:39 AM
Subject: E.ON Mill Creek Kickoff Meeting - Draft Agenda
Attachments: ArchiveInfo.htm

Eileen,

I drafted and routed the attached agenda for my team's review yesterday, requesting comments by the end of today (9/9). Please review and advise of any E.ON comments or revisions. I will then revise the agenda based on E.ON's and B&V's comments and send a final agenda to you tomorrow (Friday, 9/10) for distribution.

A couple questions:

- On Sep 15th and 16th, would it be possible to have lunch on-site at Mill Creek, or will we need to go off-site?
- Does Mill Creek have a PC projector that we can use?

Best regards,

Tim Hillman | Project Manager
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Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike)
Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

Tim,

Please find attached our Contract Notice To Proceed for Phase II Air Quality Control Study incorporating your comments of September 1, 2010. Please print two copies, sign both as originals and return to my attention. A countersigned duplicate original will be returned for your records.

Note that the attached does not include a contract number. Our Contract Number will be assigned when the project is established in our accounting systems, anticipated to be later this week. The Contract Number must be included on all invoices presented for payment.

Eileen Saunders will be contacting you to arrange a project kick-off meeting to be held in Louisville sometime next week.

Should you have any questions, please do not hesitate to call.

Best regards,

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 01, 2010 1:53 PM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; Pollins, Kent D.; King, Michael L. (Mike); Hillman, Timothy M.
Subject: RE: Draft AQCS Contract
Importance: High

Wayne,

Please find attached subject contract with a few minors edits/revisions in track-changes. You will find the track-changes on the following pages of the draft contract.

- Pg 2, Section 5.3
- Pg 3, Section 8.1
- Pg 4, Section 9.1.1
- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8

- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

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<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

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This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- EON Mill Creek Kickoff Meeting Agenda.doc

From: Saunders, Eileen
To: Hudson, Rusty
Sent: 9/9/2010 11:21:15 AM
Subject: RE: ssa - black and veatch

Excellent Rusty! Thank you so much for helping me keep this project moving!

Eileen

-----Original Message-----

From: Hudson, Rusty
Sent: Thursday, September 09, 2010 11:21 AM
To: Saunders, Eileen
Cc: Disney, Judy
Subject: FW: ssa - black and veatch

Eileen, here is the signed award rec. for B&V environmental air engineering. Rusty

-----Original Message-----

From: MARISA.MOSS@EON-US.COM [mailto:marisa.moss@eon-us.com]
Sent: Thursday, September 09, 2010 11:10 AM
To: Hudson, Rusty
Subject: ssa - black and veatch

From: Hudson, Rusty
To: Saunders, Eileen
CC: Disney, Judy
Sent: 9/9/2010 11:20:34 AM
Subject: FW: ssa - black and veatch
Attachments: ArchiveInfo.htm

Eileen, here is the signed award rec. for B&V environmental air engineering. Rusty

-----Original Message-----

From: MARISA.MOSS@EON-US.COM [mailto:marisa.moss@eon-us.com]
Sent: Thursday, September 09, 2010 11:10 AM
To: Hudson, Rusty
Subject: ssa - black and veatch

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The following attachments were archived from this message:

- [Untitled].pdf

From: Mooney, Mike (BOC 3)
To: Saunders, Eileen
Sent: 9/9/2010 11:24:16 AM
Subject: RE: ssa - black and veatch

Looks like it is waiting on Deborah Dowd to approve then it goes to Scott.

-----Original Message-----

From: Saunders, Eileen
Sent: Thursday, September 09, 2010 11:22 AM
To: Mooney, Mike (BOC 3)
Cc: Whitworth, Wayne; Straight, Scott; Reed, Kathleen
Subject: FW: ssa - black and veatch

Mike,

Here is the signed SSA for B&V. Hopefully the AIP is still getting routed for approvals. Please let me know the status.

Thanks,

Eileen

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Subject: FW: ssa - black and veatch

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Sent: Thursday, September 09, 2010 11:10 AM
To: Hudson, Rusty
Subject: ssa - black and veatch

From: Saunders, Eileen
To: Mooney, Mike (BOC 3)
CC: Whitworth, Wayne; Straight, Scott; Reed, Kathleen
Sent: 9/9/2010 11:22:19 AM
Subject: FW: ssa - black and veatch
Attachments: ArchiveInfo.htm

Mike,

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Thanks,

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Sent: Thursday, September 09, 2010 11:10 AM
To: Hudson, Rusty
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- [Untitled].pdf

From: Saunders, Eileen
To: Mooney, Mike (BOC 3)
Sent: 9/9/2010 11:28:06 AM
Subject: Re: ssa - black and veatch

Grrrrr.

----- Original Message -----

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To: Saunders, Eileen
Sent: Thu Sep 09 11:24:15 2010
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Sent: Thursday, September 09, 2010 11:10 AM
To: Hudson, Rusty
Subject: ssa - black and veatch

From: Whitworth, Wayne
To: Saunders, Eileen
Sent: 9/9/2010 11:39:08 AM
Subject: RE: ssa - black and veatch

Eileen,

I am leaving the BOC for Ghent now. I just wanted you to know in case I run into traffic.

W. Wayne Whitworth
Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

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Sent: Thursday, September 09, 2010 11:10 AM
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From: Saunders, Eileen
To: 'Hillman, Timothy M.'
CC: Wehry, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand
Sent: 9/10/2010 7:33:32 AM
Subject: RE: E.ON Mill Creek Kickoff Meeting - Draft Agenda

Tim,

It looks like you got everything! I am comfortable with the Agenda as written.

One thing I need from you today is a list of who will be at the station **each day**. I need to inform the guards and have one of my guys waiting for them at the gate. Please send that information today if possible.

Also, I will have lunch brought in on Wednesday for the group. On Thursday, I suggest running down the street to Subway and grabbing lunch.

I will provide a projector that we can use.

Thanks,

Eileen

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Sent: Thursday, September 09, 2010 9:38 AM
To: Saunders, Eileen
Cc: Wehry, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand
Subject: E.ON Mill Creek Kickoff Meeting - Draft Agenda

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A couple questions:

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Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Thursday, September 09, 2010 7:53 AM
To: Hillman, Timothy M.
Subject: Re: Draft AQCS Contract - Notice To Proceed

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Last time we met as a group, you sent me a sample agenda that I modified. Can you send me a draft that I can review? I would like to send something to the plant tomorrow.

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From: Hillman, Timothy M. <HillmanTM@bv.com>
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike) <kingml@bv.com>; Pollins, Kent D. <PollinsKD@bv.com>
Sent: Thu Sep 09 08:48:00 2010
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Thanks Wayne.

Best regards,

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Black & Veatch - Building a World of Difference™
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Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Thursday, September 09, 2010 7:42 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

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Best regards,

W. Wayne Whitworth
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820 West Broadway
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Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 08, 2010 10:04 AM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Subject: RE: Draft AQCS Contract - Notice To Proceed

Wayne,

I understand that the contract has been signed and that originals were sent to you via FedEx yesterday.

Best regards,

Tim Hillman | Project Manager
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Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, September 07, 2010 9:01 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike)
Subject: RE: Draft AQCS Contract - Notice To Proceed
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From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 01, 2010 1:53 PM
To: Whitworth, Wayne
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- Pg 3, Section 8.1
- Pg 4, Section 9.1.1
- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8
- Pg 20, Exhibit 1, Scope of work, Compensation

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Regards,

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Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

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<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Wehrly, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand; King, Michael L. (Mike)
Sent: 9/10/2010 9:01:11 AM
Subject: E.ON Mill Creek Kickoff Meeting - Final Agenda
Attachments: ArchiveInfo.htm

Eileen,

Attached is the final agenda. B&V personnel attendance is as follows:

Day 1 (9/14)	Broadway Office Complex Tim Hillman M.R. Wehrly Kyle Lucas Mike King	Mill Creek Anand Mahabaleshwarkar Rick Lausman Monty Hintz
Days 2 (9/15)		Mill Creek Anand Mahabaleshwarkar Rick Lausman Monty Hintz M.R. Wehrly Tim Hillman Kyle Lucas
Day 3 (9/16)		Mill Creek Anand Mahabaleshwarkar Monty Hintz M.R. Wehrly Tim Hillman

Best regards.

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
 11401 Lamar Avenue
 Overland Park, KS 65211
 Phone: (913) 458-7928
 Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, September 10, 2010 6:34 AM
To: Hillman, Timothy M.
Cc: Wehrly, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand
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Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

Tim,

<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

Attached is a draft for the Phase II Air Quality Control Study. Please let me know if you have any comments as we continue to seek the required approvals to proceed..

Regards

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

Fax: 502.217.2843

Cell: 502.762.6614

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The following attachments were archived from this message:

- EON Mill Creek Kickoff Meeting Agenda.doc

From: Saunders, Eileen
To: Straight, Scott; Kirkland, Mike; Didelot, Joe; Buckner, Mike; Revlett, Gary; Bennett, Mike; Betz, Alex; Mooney, Mike (BOC 3); Moehrke, William; Craigmyle, Kenny
CC: Hillman, Timothy M.; Heath, Rosie
Sent: 9/10/2010 9:13:26 AM
Subject: FW: E.ON Mill Creek Kickoff Meeting - Final Agenda
Attachments: ArchiveInfo.htm

All,

Please see the enclosed agenda for our meeting next Wednesday. B&V will be meeting with me on Tuesday, September 14th at the BOC to discuss administrative processes but you will see in the email below, that they will have a few members of their team doing an initial walkdown at the site. Bill Moehrke and Kenny Craigmyle will take care of assisting B&V on that day.

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I have included the names of the personnel who will be coming to the site. Can someone provide these names to the guards and give them access to the site?

Please let me know if you have any questions.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, September 10, 2010 9:01 AM
To: Saunders, Eileen
Cc: Wehrly, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand; King, Michael L. (Mike)
Subject: E.ON Mill Creek Kickoff Meeting - Final Agenda

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Attached is the final agenda. B&V personnel attendance is as follows:

Day 1 (9/14)	Broadway Office Complex Tim Hillman M.R. Wehrly Kyle Lucas Mike King	Mill Creek Anand Mahabaleshwarkar Rick Lausman Monty Hintz
Days 2 (9/15)		Mill Creek Anand Mahabaleshwarkar Rick Lausman Monty Hintz M.R. Wehrly Tim Hillman

Kyle Lucas

Day 3 (9/16)

Mill Creek
Anand Mahabaleshwarkar
Monty Hintz
M.R. Wehrly
Tim Hillman

Best regards.

Tim Hillman | Project Manager
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It looks like you got everything! I am comfortable with the Agenda as written.

One thing I need from you today is a list of who will be at the station **each day**. I need to inform the guards and have one of my guys waiting for them at the gate. Please send that information today if possible.

Also, I will have lunch brought in on Wednesday for the group. On Thursday, I suggest running down the street to Subway and grabbing lunch.

I will provide a projector that we can use.

Thanks,

Eileen

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Eileen,

I drafted and routed the attached agenda for my team's review yesterday, requesting comments by the end of today (9/9). Please review and advise of any E.ON comments or revisions. I will then revise the agenda based on E.ON's and B&V's comments and send a final agenda to you tomorrow (Friday, 9/10) for distribution.

A couple questions:

- On Sep 15th and 16th, would it be possible to have lunch on-site at Mill Creek, or will we need to go off-site?
- Does Mill Creek have a PC projector that we can use?

Best regards,

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Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Thursday, September 09, 2010 7:53 AM
To: Hillman, Timothy M.
Subject: Re: Draft AQCS Contract - Notice To Proceed

Tim,

Last time we met as a group, you sent me a sample agenda that I modified. Can you send me a draft that I can review? I would like to send something to the plant tomorrow.

Thanks,

Eileen

From: Hillman, Timothy M. <HillmanTM@bv.com>
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike) <kingml@bv.com>; Pollins, Kent D. <PollinsKD@bv.com>
Sent: Thu Sep 09 08:48:00 2010
Subject: RE: Draft AQCS Contract - Notice To Proceed

Thanks Wayne.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Thursday, September 09, 2010 7:42 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

Tim,

Attached is an executed copy of the AQCS Contract. The duplicate original will be sent to you today via UPS Next Day Air. Please note that a number will be assigned to this contract prior to your first billing. The contract number will need to be included on all invoices.

Thanks for all your help. If you have any questions, please don't hesitate to call.

Best regards,

W. Wayne Whitworth

Project Engineering
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820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 08, 2010 10:04 AM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Subject: RE: Draft AQCS Contract - Notice To Proceed

Wayne,

I understand that the contract has been signed and that originals were sent to you via FedEx yesterday.

Best regards,

Tim Hillman | Project Manager
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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, September 07, 2010 9:01 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike)
Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

Tim,

Please find attached our Contract Notice To Proceed for Phase II Air Quality Control Study incorporating your comments of September 1, 2010. Please print two copies, sign both as originals and return to my attention. A countersigned duplicate original will be returned for your records.

Note that the attached does not include a contract number. Our Contract Number will be assigned when the project is established in our accounting systems, anticipated to be later this week. The Contract Number must be included on all invoices presented for payment.

Eileen Saunders will be contacting you to arrange a project kick-off meeting to be held in Louisville sometime next

week.

Should you have any questions, please do not hesitate to call.

Best regards,

W. Wayne Whitworth

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Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 01, 2010 1:53 PM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; Pollins, Kent D.; King, Michael L. (Mike); Hillman, Timothy M.
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Please find attached subject contract with a few minors edits/revisions in track-changes. You will find the track-changes on the following pages of the draft contract.

- Pg 2, Section 5.3
- Pg 3, Section 8.1
- Pg 4, Section 9.1.1
- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8
- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

Tim Hillman | Project Manager
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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

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- EON Mill Creek Kickoff Meeting Agenda.doc

From: Buckner, Mike
To: Saunders, Eileen
Sent: 9/10/2010 2:20:01 PM
Subject: RE: E.ON Mill Creek Kickoff Meeting - Final Agenda

Eileen,

I've notified the guards about the personnel from Black and Veatch being on site next week.

Mike

From: Saunders, Eileen
Sent: Friday, September 10, 2010 9:13 AM
To: Straight, Scott; Kirkland, Mike; Didelot, Joe; Buckner, Mike; Revlett, Gary; Bennett, Mike; Betz, Alex; Mooney, Mike (BOC 3); Moehrke, William; Craigmyle, Kenny
Cc: 'Hillman, Timothy M.'; Heath, Rosie
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Please let me know if you have any questions.

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Cc: Wehrly, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand; King, Michael L. (Mike)
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M.R. Wehrly
Kyle Lucas
Mike King

Mill Creek

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Monty Hintz
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Tim Hillman

Best regards.

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- Pg 20, Exhibit 1, Scope of work, Compensation

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From: Saunders, Eileen
To: Buckner, Mike
Sent: 9/10/2010 2:20:18 PM
Subject: RE: E.ON Mill Creek Kickoff Meeting - Final Agenda

Thank you!

Eileen

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Subject: RE: E.ON Mill Creek Kickoff Meeting - Final Agenda

Eileen,

I've notified the guards about the personnel from Black and Veatch being on site next week.

Mike

From: Saunders, Eileen
Sent: Friday, September 10, 2010 9:13 AM
To: Straight, Scott; Kirkland, Mike; Didelot, Joe; Buckner, Mike; Revlett, Gary; Bennett, Mike; Betz, Alex; Mooney, Mike (BOC 3); Moehrke, William; Craigmyle, Kenny
Cc: 'Hillman, Timothy M.'; Heath, Rosie
Subject: FW: E.ON Mill Creek Kickoff Meeting - Final Agenda

All,

Please see the enclosed agenda for our meeting next Wednesday. B&V will be meeting with me on Tuesday, September 14th at the BOC to discuss administrative processes but you will see in the email below, that they will have a few members of their team doing an initial walkdown at the site. Bill Moehrke and Kenny Craigmyle will take care of assisting B&V on that day.

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I have included the names of the personnel who will be coming to the site. Can someone provide these names to the guards and give them access to the site?

Please let me know if you have any questions.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, September 10, 2010 9:01 AM

To: Saunders, Eileen
Cc: Wehrly, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand; King, Michael L. (Mike)
Subject: E.ON Mill Creek Kickoff Meeting - Final Agenda

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Attached is the final agenda. B&V personnel attendance is as follows:

Day 1 (9/14)	Broadway Office Complex Tim Hillman M.R. Wehrly Kyle Lucas Mike King	Mill Creek Anand Mahabaleshwarkar Rick Lausman Monty Hintz
Days 2 (9/15)		Mill Creek Anand Mahabaleshwarkar Rick Lausman Monty Hintz M.R. Wehrly Tim Hillman Kyle Lucas
Day 3 (9/16)		Mill Creek Anand Mahabaleshwarkar Monty Hintz M.R. Wehrly Tim Hillman

Best regards.

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

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To: Hillman, Timothy M.
Cc: Wehrly, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand
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One thing I need from you today is a list of who will be at the station **each day**. I need to inform the guards and have one of my guys waiting for them at the gate. Please send that information today if possible.

Also, I will have lunch brought in on Wednesday for the group. On Thursday, I suggest running down the street to Subway and grabbing lunch.

I will provide a projector that we can use.

Thanks,

Eileen

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A couple questions:

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Sent: Thursday, September 09, 2010 7:53 AM
To: Hillman, Timothy M.
Subject: Re: Draft AQCS Contract - Notice To Proceed

Tim,

Last time we met as a group, you sent me a sample agenda that I modified. Can you send me a draft that I can review? I would like to send something to the plant tomorrow.

Thanks,

Eileen

From: Hillman, Timothy M. <HillmanTM@bv.com>
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike) <kingml@bv.com>; Pollins, Kent D. <PollinsKD@bv.com>
Sent: Thu Sep 09 08:48:00 2010
Subject: RE: Draft AQCS Contract - Notice To Proceed

Thanks Wayne.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue

Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
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To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

Tim,

Attached is an executed copy of the AQCS Contract. The duplicate original will be sent to you today via UPS Next Day Air. Please note that a number will be assigned to this contract prior to your first billing. The contract number will need to be included on all invoices.

Thanks for all your help. If you have any questions, please don't hesitate to call.

Best regards,

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 08, 2010 10:04 AM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Subject: RE: Draft AQCS Contract - Notice To Proceed

Wayne,

I understand that the contract has been signed and that originals were sent to you via FedEx yesterday.

Best regards,

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Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, September 07, 2010 9:01 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike)
Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

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Note that the attached does not include a contract number. Our Contract Number will be assigned when the project is established in our accounting systems, anticipated to be later this week. The Contract Number must be included on all invoices presented for payment.

Eileen Saunders will be contacting you to arrange a project kick-off meeting to be held in Louisville sometime next week.

Should you have any questions, please do not hesitate to call.

Best regards,

W. Wayne Whitworth

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Louisville, KY 40202

email: wayne.whitworth@eon-us.com

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- Pg 3, Section 8.1
- Pg 4, Section 9.1.1
- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8
- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

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Importance: High

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Regards

W. Wayne Whitworth

Project Engineering

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email: wayne.whitworth@eon-us.com

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Wehrly, M. R.; Lawson, Stacy J.
Sent: 9/10/2010 4:07:39 PM
Subject: RE: E.ON Mill Creek Kickoff Meeting - Final Agenda

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Judging from the addresses in you email, it looks like I need about 10-12 copies of any hand out material at the site. How many will be in attendance at our administrative kickoff meeting downtown?

Thanks,

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Regards

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

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Louisville, KY 40202

email: wayne.whitworth@eon-us.com

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To: 'Hillman, Timothy M.'
Sent: 9/13/2010 7:56:30 AM
Subject: RE: E.ON Mill Creek Kickoff Meeting - Final Agenda

Tim,

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Thanks,

Eileen

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Sent: Friday, September 10, 2010 9:01 AM

To: Saunders, Eileen

Cc: Wehrly, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand; King, Michael L. (Mike)

Subject: E.ON Mill Creek Kickoff Meeting - Final Agenda

Eileen,

Attached is the final agenda. B&V personnel attendance is as follows:

Day 1 (9/14)

Broadway Office Complex

Tim Hillman
M.R. Wehrly
Kyle Lucas
Mike King

Mill Creek

Anand Mahabaleshwarkar
Rick Lausman
Monty Hintz

Days 2 (9/15)

Mill Creek

Anand Mahabaleshwarkar
Rick Lausman
Monty Hintz
M.R. Wehrly
Tim Hillman
Kyle Lucas

Day 3 (9/16)

Mill Creek

Anand Mahabaleshwarkar
Monty Hintz
M.R. Wehrly
Tim Hillman

Best regards.

Tim Hillman | Project Manager

Power Generation - Environmental Services

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue
Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]

Sent: Friday, September 10, 2010 6:34 AM

To: Hillman, Timothy M.

Cc: Wehrly, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand

Subject: RE: E.ON Mill Creek Kickoff Meeting - Draft Agenda

Tim,

It looks like you got everything! I am comfortable with the Agenda as written.

One thing I need from you today is a list of who will be at the station **each day**. I need to inform the guards and have one of my guys waiting for them at the gate. Please send that information today if possible.

Also, I will have lunch brought in on Wednesday for the group. On Thursday, I suggest running down the street to Subway and grabbing lunch.

I will provide a projector that we can use.

Thanks,

Eileen

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To: Saunders, Eileen
Cc: Wehrly, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand
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A couple questions:

- On Sep 15th and 16th, would it be possible to have lunch on-site at Mill Creek, or will we need to go off-site?
- Does Mill Creek have a PC projector that we can use?

Best regards,

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Email: hillmantm@bv.com

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Sent: Thursday, September 09, 2010 7:53 AM
To: Hillman, Timothy M.
Subject: Re: Draft AQCS Contract - Notice To Proceed

Tim,

Last time we met as a group, you sent me a sample agenda that I modified. Can you send me a draft that I can review? I would like to send something to the plant tomorrow.

Thanks,

Eileen

From: Hillman, Timothy M. <HillmanTM@bv.com>
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike) <kingml@bv.com>; Pollins, Kent D. <PollinsKD@bv.com>
Sent: Thu Sep 09 08:48:00 2010
Subject: RE: Draft AQCS Contract - Notice To Proceed

Thanks Wayne.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
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Email: hillmantm@bv.com

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Sent: Thursday, September 09, 2010 7:42 AM
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Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

Tim,

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Thanks for all your help. If you have any questions, please don't hesitate to call.

Best regards,

W. Wayne Whitworth
Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 08, 2010 10:04 AM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike); Pollins, Kent D.
Subject: RE: Draft AQCS Contract - Notice To Proceed

Wayne,

I understand that the contract has been signed and that originals were sent to you via FedEx yesterday.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, September 07, 2010 9:01 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe; King, Michael L. (Mike)
Subject: RE: Draft AQCS Contract - Notice To Proceed
Importance: High

Tim,

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Note that the attached does not include a contract number. Our Contract Number will be assigned when the project is established in our accounting systems, anticipated to be later this week. The Contract Number must be included on all invoices presented for payment.

Eileen Saunders will be contacting you to arrange a project kick-off meeting to be held in Louisville sometime next week.

Should you have any questions, please do not hesitate to call.

Best regards,

W. Wayne Whitworth
Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 01, 2010 1:53 PM
To: Whitworth, Wayne
Cc: Saunders, Eileen; Clements, Joe; Pollins, Kent D.; King, Michael L. (Mike); Hillman, Timothy M.

Subject: RE: Draft AQCS Contract
Importance: High

Wayne,

Please find attached subject contract with a few minors edits/revisions in track-changes. You will find the track-changes on the following pages of the draft contract.

- Pg 2, Section 5.3
- Pg 3, Section 8.1
- Pg 4, Section 9.1.1
- Pg 4, Section 9.3.2
- Pg 17, Exhibit 1, Scope of work, Task 8
- Pg 20, Exhibit 1, Scope of work, Compensation

Don't hesitate to call me if you have any questions.

Regards,

Tim Hillman | Project Manager
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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Whitworth, Wayne [mailto:Wayne.Whitworth@eon-us.com]
Sent: Tuesday, August 31, 2010 11:34 AM
To: Hillman, Timothy M.
Cc: Saunders, Eileen; Clements, Joe
Subject: Draft AQCS Contract
Importance: High

Tim,

<<Contract DRAFT Black Veatch Rev 4 (8-27-2010-els) .docx>>

Attached is a draft for the Phase II Air Quality Control Study. Please let me know if you have any comments as we continue to seek the required approvals to proceed..

Regards

W. Wayne Whitworth

Project Engineering

E-ON U.S. Services Inc.

820 West Broadway

P.O. Box 32020

Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

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From: Hillman, Timothy M.
To: Saunders, Eileen
Sent: 9/13/2010 11:15:05 AM
Subject: RE: E.ON Mill Creek Kickoff Meeting - Final Agenda

Thanks...see you tomorrow.

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 65211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Monday, September 13, 2010 6:57 AM
To: Hillman, Timothy M.
Subject: RE: E.ON Mill Creek Kickoff Meeting - Final Agenda

Tim,

I really don't have access to a large group of people this week. Plan on 2-3 copies. It may just be me though.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, September 10, 2010 4:08 PM
To: Saunders, Eileen
Cc: Wehrly, M. R.; Lawson, Stacy J.
Subject: RE: E.ON Mill Creek Kickoff Meeting - Final Agenda

Eileen,

Judging from the addresses in you email, it looks like I need about 10-12 copies of any hand out material at the site. How many will be in attendance at our administrative kickoff meeting downtown?

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, September 10, 2010 8:13 AM

To: Straight, Scott; Kirkland, Mike; Didelot, Joe; Buckner, Mike; Revlett, Gary; Bennett, Mike; Betz, Alex; Mooney, Mike (BOC 3); Moehrke, William; Craigmyle, Kenny
Cc: Hillman, Timothy M.; Heath, Rosie
Subject: FW: E.ON Mill Creek Kickoff Meeting - Final Agenda

All,

Please see the enclosed agenda for our meeting next Wednesday. B&V will be meeting with me on Tuesday, September 14th at the BOC to discuss administrative processes but you will see in the email below, that they will have a few members of their team doing an initial walkdown at the site. Bill Moehrke and Kenny Craigmyle will take care of assisting B&V on that day.

On Wednesday, September 15th, we will meet in the Main Office Conference Room. As shown on the agenda, the first part of the meeting will be a technical discussion followed by site walkdowns. Lunch will be provided.

Also, B&V requested a return visit to the site on Thursday September 16th as well. Bill and Kenny can escort them as well on that day. The plant is always welcome to join us on these walkdowns but I did not want to tie-up personnel for three days. A debriefing meeting will be held at the site prior to B&V's departure. The time for that meeting will be determined Wednesday.

I have included the names of the personnel who will be coming to the site. Can someone provide these names to the guards and give them access to the site?

Please let me know if you have any questions.

Thanks,

Eileen

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Sent: Friday, September 10, 2010 9:01 AM
To: Saunders, Eileen
Cc: Wehrly, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand; King, Michael L. (Mike)
Subject: E.ON Mill Creek Kickoff Meeting - Final Agenda

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M.R. Wehrly
Tim Hillman

Best regards.

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Regards,

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Project Engineering

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Wehrly, M. R.
Sent: 9/13/2010 12:59:36 PM
Subject: Mill Creek Site Visit

Eileen

Some of the team members are trying to conserve on luggage space. To that end, can we assume you would have visitor's hard hats at Mill Creek, or should we bring our own?

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
CC: Wehrly, M. R.
Sent: 9/13/2010 1:04:12 PM
Subject: RE: Mill Creek Site Visit

Tim,

You should be able to get a hard hat at the guard gate. Please bring your own glasses, shoes etc.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, September 13, 2010 1:00 PM
To: Saunders, Eileen
Cc: Wehrly, M. R.
Subject: Mill Creek Site Visit
Importance: High

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Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Wehry, M. R.; Hintz, Monty E.; Lucas, Kyle J.; Lausman, Rick L.; Mahabaleshwarkar, Anand
Sent: 9/13/2010 1:07:56 PM
Subject: RE: Mill Creek Site Visit

Thanks Eileen.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
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To: Saunders, Eileen
Cc: Wehrly, M. R.
Subject: Mill Creek Site Visit
Importance: High

Eileen

Some of the team members are trying to conserve on luggage space. To that end, can we assume you would have visitor's hard hats at Mill Creek, or should we bring our own?

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

The information contained in this transmission is intended only for the person or entity to which it is directly addressed or copied. It may contain material of confidential and/or private nature. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is not allowed. If you received this message and the information contained therein by error, please contact the sender and delete the material from your/any storage medium.

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Lausman, Rick L.; Lucas, Kyle J.; Mahabaleshwarkar, Anand; Wehrly, M. R.; Hintz, Monty E.
Sent: 9/17/2010 1:01:25 PM
Subject: 168908.14.1000 100917 Mill Creek - Acceleration of MC 1 and 2 SCR Installation

Eileen,

Anand and the rest of the team combined notes in this email to present both a high level and somewhat detailed summary of the issues surrounding Scott's inquiry about accelerating the installation schedule of SCRs at Mill Creek Units 1 and 2. Hopefully this will assist you in the pending management decision process.

Thanks for all you planning and organization this week. I thought the meetings and site walk downs were very helpful and meaningful.

Tim.

Summary

The most direct path of accelerating the installation of SCRs on Units 1 and 2 would be to construct the new SCRs with the existing ESPs in place. Unfortunately, this is hampered by the close proximity of the existing dry ESPs to the boilers. As a result, there is no room to route ductwork to and from the new SCRs. Therefore, any acceleration of Unit 1 and 2's new SCR schedule would likely require the original Phase 1 approach of building a new ESP and/or PJFF/NID *first*, in order that the existing ESP could be demolished to make room for the new SCR and ductwork.

Details and Basis

Available SCR Options for MC 1 & 2:

- Option 1. High-dust SCR located above the existing dry ESP
- Option 2. High-dust SCR located at new location with new air heater placed directly under the new SCR reactor
- Option 3. Tail-end, low-dust SCR located on new ground downstream of existing ESP, with flue gas reheat

Challenges Presented by the Economizer Outlet and the Close Proximity of the Existing Dry ESP:

- For SCR Options 1 and 2, the economizer outlet duct would need to be routed eastwards out of the boiler building through the east boiler building wall to flow the flue gas to the SCR reactor inlet, located either per Option 1 or 2. The arrangement of the existing dry ESP, located to the east and at approximately same elevation as the economizer outlet duct, along with its close proximity to the boiler building wall, are all preventing the routing of new SCR inlet duct towards the east direction. Similarly, due to presence of boiler support steel inside the boiler building, it is nearly impossible to route the ductwork out to either the north or south side.
- Also, for Option 1, the new SCR outlet duct needs to be connected back to the existing air heater, which is located directly underneath the economizer. This creates additional congestion in the same area and presents ductwork support challenges with the current boiler steel. On the other hand, for Option 2, it is possible to install a new air heater underneath the new SCR reactor at another location and connect the flue gas stream to the new dry ESP and/or PJFF/NID. However, the routing of the SCR inlet ductwork out of the boiler building for Option 2 still faces the same challenges as Option 1.
- The tail-end, low-dust SCR (Option 3) will increase the capital and O&M cost due to the need for flue gas reheating and another air heater to maintain the SCR operating temperature. Therefore, Option 3 is not considered feasible in this preliminary review.

Solutions to above challenges:

- For SCR Options 1 and 2, routing of the new SCR ductwork makes the demolition of the existing dry ESPs inevitable. Therefore, in order to create room for a new SCR, a new dry ESP and/or PJFF/NID system will need to be installed first, while the units are online. Once the new dry ESP and/or PJFF/NID system is installed and operating, the existing dry ESP can be demolished to create room for the new SCR. The ID fan and or booster fan requirements can also be finalized based on the BOP challenges, including aux power availability.
- Option 3 is believed to be capital and O&M cost intensive, and is therefore not considered feasible in this preliminary review.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Wehrly, M. R.; Lucas, Kyle J.; Lausman, Rick L.; Hintz, Monty E.; Mahabaleshwarkar, Anand
Sent: 9/20/2010 9:29:15 AM
Subject: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

Eileen,

Looking at the schedule, our team has a couple conflicts on the 5th of October. Can you see if the 6th and 7th of October would work for the Ghent kickoff and site visit.

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: Joyce, Jeff
Sent: 9/20/2010 9:59:13 AM
Subject: Fw: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

Jeff,

Let's discuss these dates when you get a chance. Keep in mind, your staff will be invited to a half day meeting. The rest of the time/days will be devoted to site walkdowns.

Thanks,

Eileen

From: Hillman, Timothy M. <HillmanTM@bv.com>
To: Saunders, Eileen
Cc: Wehrly, M. R. <WehrlyMR@bv.com>; Lucas, Kyle J. <LucasKJ@bv.com>; Lausman, Rick L. <LausmanRL@bv.com>; Hintz, Monty E. <HintzME@bv.com>; Mahabaleshwarkar, Anand <MahabaleshwarkarA@bv.com>
Sent: Mon Sep 20 09:29:15 2010
Subject: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

Eileen,

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Thanks,

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Power Generation - Environmental Services
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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lausman, Rick L.; Mahabaleshwarkar, Anand; Hintz, Monty E.; Lucas, Kyle J.
Sent: 9/20/2010 5:08:58 PM
Subject: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes
Attachments: ArchiveInfo.htm

Eileen,

Please find attached draft meeting minutes from last week's kickoff and Mill Creek site visit. Please provide E.ON's comments back to me by Friday, 9/24.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

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The following attachments were archived from this message:

- Mill Creek Kickoff and Site Walkdown Meeting Minutes with Attachments - Draft.pdf

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
CC: Wehrly, M. R.; Lucas, Kyle J.; Lausman, Rick L.; Hintz, Monty E.; Mahabaleshwarkar, Anand
Sent: 9/21/2010 7:47:51 AM
Subject: RE: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

I am checking this out with the plant manager and will get back to you.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, September 20, 2010 9:29 AM
To: Saunders, Eileen
Cc: Wehrly, M. R.; Lucas, Kyle J.; Lausman, Rick L.; Hintz, Monty E.; Mahabaleshwarkar, Anand
Subject: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

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Thanks,

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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Whitworth, Wayne; Wehrly, M. R.
Sent: 9/21/2010 8:07:12 AM
Subject: RE: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

Thank Eileen,

You also mentioned last week that the contract number had been assigned, Can you please provide that at your earliest convenience.

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Tuesday, September 21, 2010 6:48 AM
To: Hillman, Timothy M.
Cc: Wehrly, M. R.; Lucas, Kyle J.; Lausman, Rick L.; Hintz, Monty E.; Mahabaleshwarkar, Anand
Subject: RE: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

I am checking this out with the plant manager and will get back to you.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, September 20, 2010 9:29 AM
To: Saunders, Eileen
Cc: Wehrly, M. R.; Lucas, Kyle J.; Lausman, Rick L.; Hintz, Monty E.; Mahabaleshwarkar, Anand
Subject: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

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Thanks,

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From: Saunders, Eileen
To: Straight, Scott; Kirkland, Mike; Didelot, Joe; Buckner, Mike; Betz, Alex; Nichols, Jim (Mill Creek); Stevens, Michael; Revlett, Gary; Siers, Kevin; Moehrke, William; Mooney, Mike (BOC 3); Craigmyle, Kenny; Imber, Philip
Sent: 9/21/2010 7:51:38 AM
Subject: FW: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes
Attachments: ArchiveInfo.htm

All,

Please see the attached minutes from our B&V meeting and let me know if you have any comments by Thursday so I can respond to Tim by Friday.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, September 20, 2010 5:09 PM
To: Saunders, Eileen
Cc: 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lausman, Rick L.; Mahabaleshwarkar, Anand; Hintz, Monty E.; Lucas, Kyle J.
Subject: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Eileen,

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Best regards,

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The following attachments were archived from this message:

- Mill Creek Kickoff and Site Walkdown Meeting Minutes with Attachments - Draft.pdf

From: Saunders, Eileen
To: Whitworth, Wayne
CC: Mooney, Mike (BOC 3)
Sent: 9/21/2010 8:13:52 AM
Subject: Fw: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

Wayne,

The B&V AIP is complete. Please provide Tim the contract number as soon as possible.

Thanks,

Eileen

From: Hillman, Timothy M. <HillmanTM@bv.com>
To: Saunders, Eileen
Cc: Whitworth, Wayne; Wehrly, M. R. <WehrlyMR@bv.com>
Sent: Tue Sep 21 08:07:12 2010
Subject: RE: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

Thank Eileen,

You also mentioned last week that the contract number had been assigned, Can you please provide that at your earliest convenience.

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Tuesday, September 21, 2010 6:48 AM
To: Hillman, Timothy M.
Cc: Wehrly, M. R.; Lucas, Kyle J.; Lausman, Rick L.; Hintz, Monty E.; Mahabaleshwarkar, Anand
Subject: RE: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

I am checking this out with the plant manager and will get back to you.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, September 20, 2010 9:29 AM
To: Saunders, Eileen
Cc: Wehrly, M. R.; Lucas, Kyle J.; Lausman, Rick L.; Hintz, Monty E.; Mahabaleshwarkar, Anand
Subject: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

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From: Whitworth, Wayne
To: 'Hillman, Timothy M.'; Saunders, Eileen
CC: Wehrly, M. R.
Sent: 9/21/2010 8:26:55 AM
Subject: RE: Kickoff/Site Visit Dates for Ghent - Week of October 4th.
Attachments: ArchiveInfo.htm

Tim,

Attached is the Contract for Phase II AQCS. Please note the Contract No. on all invoices. Additionally, cost associated with Work at each plant facility must be clearly noted on each invoice for accurate accounting and invoice processing.

Please let me know if you have any questions.

Best regards,

W. Wayne Whitworth

Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641
Fax: 502.217.2843
Cell: 502.762.6614

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Tuesday, September 21, 2010 8:07 AM
To: Saunders, Eileen
Cc: Whitworth, Wayne; Wehrly, M. R.
Subject: RE: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

Thank Eileen,

You also mentioned last week that the contract number had been assigned, Can you please provide that at your earliest convenience.

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Tuesday, September 21, 2010 6:48 AM
To: Hillman, Timothy M.
Cc: Wehrly, M. R.; Lucas, Kyle J.; Lausman, Rick L.; Hintz, Monty E.; Mahabaleshwarkar, Anand
Subject: RE: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

I am checking this out with the plant manager and will get back to you.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, September 20, 2010 9:29 AM
To: Saunders, Eileen
Cc: Wehrly, M. R.; Lucas, Kyle J.; Lausman, Rick L.; Hintz, Monty E.; Mahabaleshwarkar, Anand
Subject: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

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This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- B&V Phase II AQCS Contract (UNNUMBERED)0001.pdf

From: Buckner, Mike
To: Saunders, Eileen
Sent: 9/21/2010 12:12:36 PM
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Eileen,

I have no comments at this time.

Mike

From: Saunders, Eileen
Sent: Tuesday, September 21, 2010 7:52 AM
To: Straight, Scott; Kirkland, Mike; Didelot, Joe; Buckner, Mike; Betz, Alex; Nichols, Jim (Mill Creek); Stevens, Michael; Revlett, Gary; Siers, Kevin; Moehrke, William; Mooney, Mike (BOC 3); Craigmyle, Kenny; Imber, Philip
Subject: FW: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

All,

Please see the attached minutes from our B&V meeting and let me know if you have any comments by Thursday so I can respond to Tim by Friday.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, September 20, 2010 5:09 PM
To: Saunders, Eileen
Cc: 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lausman, Rick L.; Mahabaleshwarkar, Anand; Hintz, Monty E.; Lucas, Kyle J.
Subject: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Eileen,

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Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: Whitworth, Wayne
CC: Clements, Joe
Sent: 9/21/2010 2:04:20 PM
Subject: FW: ssa - black and veatch
Attachments: ArchiveInfo.htm

Wayne,

I am re-forwarding the copy of the SSA that I forwarded to you back on September 9, 2010 for B&V. Rusty's cover letter states that the SSA was approved electronically.

Thank you,

Eileen

-----Original Message-----

From: Saunders, Eileen
Sent: Thursday, September 09, 2010 11:22 AM
To: Mooney, Mike (BOC 3)
Cc: Whitworth, Wayne; Straight, Scott; Reed, Kathleen
Subject: FW: ssa - black and veatch

Mike,

Here is the signed SSA for B&V. Hopefully the AIP is still getting routed for approvals. Please let me know the status.

Thanks,

Eileen

-----Original Message-----

From: Hudson, Rusty
Sent: Thursday, September 09, 2010 11:21 AM
To: Saunders, Eileen
Cc: Disney, Judy
Subject: FW: ssa - black and veatch

Eileen, here is the signed award rec. for B&V environmental air engineering. Rusty

-----Original Message-----

From: MARISA.MOSS@EON-US.COM [mailto:marisa.moss@eon-us.com]
Sent: Thursday, September 09, 2010 11:10 AM
To: Hudson, Rusty
Subject: ssa - black and veatch

This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- [Untitled].pdf

From: Whitworth, Wayne
To: Saunders, Eileen
CC: Clements, Joe
Sent: 9/21/2010 2:05:40 PM
Subject: RE: ssa - black and veatch

Sorry. I am use to seeing a different document. This should do. Sorry for the intrusion.

W. Wayne Whitworth
Project Engineering
E-ON U.S. Services Inc.
820 West Broadway
P.O. Box 32020
Louisville, KY 40202

email: wayne.whitworth@eon-us.com

Office: 502.627.2641

Fax: 502.217.2843

Cell: 502.762.6614

-----Original Message-----

From: Saunders, Eileen
Sent: Tuesday, September 21, 2010 2:04 PM
To: Whitworth, Wayne
Cc: Clements, Joe
Subject: FW: ssa - black and veatch

Wayne,

I am re-forwarding the copy of the SSA that I forwarded to you back on September 9, 2010 for B&V. Rusty's cover letter states that the SSA was approved electronically.

Thank you,

Eileen

-----Original Message-----

From: Saunders, Eileen
Sent: Thursday, September 09, 2010 11:22 AM
To: Mooney, Mike (BOC 3)
Cc: Whitworth, Wayne; Straight, Scott; Reed, Kathleen
Subject: FW: ssa - black and veatch

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Eileen

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From: Hudson, Rusty
Sent: Thursday, September 09, 2010 11:21 AM
To: Saunders, Eileen
Cc: Disney, Judy
Subject: FW: ssa - black and veatch

Eileen, here is the signed award rec. for B&V environmental air engineering. Rusty

-----Original Message-----

From: MARISA.MOSS@EON-US.COM [mailto:marisa.moss@eon-us.com]
Sent: Thursday, September 09, 2010 11:10 AM
To: Hudson, Rusty
Subject: ssa - black and veatch

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Wehry, M. R.; Lucas, Kyle J.; Mahabaleshwarkar, Anand; Lausman, Rick L.; Hintz, Monty E.; 168908 E.ON-AQC; Jackson, Audrey
Sent: 9/22/2010 10:48:08 AM
Subject: 168908.28.3000 100922 - Monday Weekly Meeting and Action Item List
Attachments: ArchiveInfo.htm

Eileen,

I'm setting up a weekly project meeting for Monday at 2 pm your time (Outlook meeting invitation to follow). As you requested, the format will be similar to what we did for Phase I, where we used the following standing agenda. We can always add to the agenda as circumstances arise, but let me know if you want anything else added to the standing agenda.

Standing Agenda:

- 1) Project Status
- 2) Action Item List
- 3) Activities Scheduled for the Week

I've also attached the first action item list. You will note that most of the action items came from our kick-off meeting and Mill Creek site walk down.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- 168908 EON ACTION ITEM LIST.xls

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
CC: Wehry, M. R.; Lucas, Kyle J.; Mahabaleshwarkar, Anand; Lausman, Rick L.; Hintz, Monty E.; 168908 E.ON-AQC; Jackson, Audrey
Sent: 9/22/2010 10:51:14 AM
Subject: RE: 168908.28.3000 100922 - Monday Weekly Meeting and Action Item List

This format is fine Tim.

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 22, 2010 10:48 AM
To: Saunders, Eileen
Cc: Wehry, M. R.; Lucas, Kyle J.; Mahabaleshwarkar, Anand; Lausman, Rick L.; Hintz, Monty E.; 168908 E.ON-AQC; Jackson, Audrey
Subject: 168908.28.3000 100922 - Monday Weekly Meeting and Action Item List

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- 1) Project Status
- 2) Action Item List
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Best regards,

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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Didelot, Joe
To: Saunders, Eileen
Sent: 9/22/2010 3:38:23 PM
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Eileen,

On item 30, regarding available 14KV feeders, I told B&V we had 2 spare breakers. We do not have spare breakers. There are spare cubicles which might be able to be modified to accept feeder breakers, I am checking with our substation maintenance group.

JMD

From: Saunders, Eileen
Sent: Tuesday, September 21, 2010 7:52 AM
To: Straight, Scott; Kirkland, Mike; Didelot, Joe; Buckner, Mike; Betz, Alex; Nichols, Jim (Mill Creek); Stevens, Michael; Revlett, Gary; Siers, Kevin; Moehrke, William; Mooney, Mike (BOC 3); Craigmyle, Kenny; Imber, Philip
Subject: FW: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

All,

Please see the attached minutes from our B&V meeting and let me know if you have any comments by Thursday so I can respond to Tim by Friday.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, September 20, 2010 5:09 PM
To: Saunders, Eileen
Cc: 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lausman, Rick L.; Mahabaleshwarkar, Anand; Hintz, Monty E.; Lucas, Kyle J.
Subject: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Eileen,

Please find attached draft meeting minutes from last week's kickoff and Mill Creek site visit. Please provide E.ON's comments back to me by Friday, 9/24.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
Sent: 9/23/2010 10:50:23 AM
Subject: FW: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Tim,

Please see the clarification from Joe below.

Thanks,

Eileen

From: Didelot, Joe
Sent: Wednesday, September 22, 2010 3:38 PM
To: Saunders, Eileen
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Eileen,

On item 30, regarding available 14KV feeders, I told B&V we had 2 spare breakers. We do not have spare breakers. There are spare cubicles which might be able to be modified to accept feeder breakers, I am checking with our substation maintenance group.

JMD

From: Saunders, Eileen
Sent: Tuesday, September 21, 2010 7:52 AM
To: Straight, Scott; Kirkland, Mike; Didelot, Joe; Buckner, Mike; Betz, Alex; Nichols, Jim (Mill Creek); Stevens, Michael; Revlett, Gary; Siers, Kevin; Moehrke, William; Mooney, Mike (BOC 3); Craigmyle, Kenny; Imber, Philip
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Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: Didelot, Joe
Sent: 9/23/2010 10:50:43 AM
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Thank you. I have passed along your comment to B&V.

Eileen

From: Didelot, Joe
Sent: Wednesday, September 22, 2010 3:38 PM
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Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928

Email: hillmantm@bv.com

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Wehry, M. R.; Mahabaleshwarkar, Anand; Lausman, Rick L.; Crabtree, Jonathan D.; Lucas, Kyle J.; Hintz, Monty E.
Sent: 9/23/2010 10:57:50 AM
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Thank you Eileen,

Will this be all of E.ON's comments, or are others still reviewing?

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Thursday, September 23, 2010 9:50 AM
To: Hillman, Timothy M.
Subject: FW: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Tim,

Please see the clarification from Joe below.

Thanks,

Eileen

From: Didelot, Joe
Sent: Wednesday, September 22, 2010 3:38 PM
To: Saunders, Eileen
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

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Eileen

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Sent: Monday, September 20, 2010 5:09 PM

To: Saunders, Eileen

Cc: 168908.E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lausman, Rick L.; Mahabaleshwarkar, Anand; Hintz, Monty E.; Lucas, Kyle J.

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Best regards,

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Power Generation - Environmental Services

Black & Veatch - Building a World of Difference™

11401 Lamar Avenue

Overland Park, KS 66211

Phone: (913) 458-7928

Email: hillmantm@bv.com

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From: Saunders, Eileen
To: 'Hillman, Timothy M.'
Sent: 9/23/2010 2:17:53 PM
Subject: RE: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

Tim,

It looks as if those days will work for the plant. I suggest you plan to come in the evening of the 5th and arrive at Ghent Station for 9 am. This is the best time for all involved.

Please check into flying to Cincinnati as it is a little closer to the plant. Also, I know this might not look good but Belterra Casino is 10 minutes from the plant and they often have very good rates. They may even be less expensive. The next recommendation I have is the Hampton Inn which is in Carrollton.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, September 20, 2010 9:29 AM
To: Saunders, Eileen
Cc: Wehrly, M. R.; Lucas, Kyle J.; Lausman, Rick L.; Hintz, Monty E.; Mahabaleshwarkar, Anand
Subject: Kickoff/Site Visit Dates for Ghent - Week of October 4th.

Eileen,

Looking at the schedule, our team has a couple conflicts on the 5th of October. Can you see if the 6th and 7th of October would work for the Ghent kickoff and site visit.

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
Sent: 9/23/2010 2:37:16 PM
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

I gave them until later today to respond. You will have the comments by tomorrow.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Thursday, September 23, 2010 10:58 AM
To: Saunders, Eileen
Cc: Wehrly, M. R.; Mahabaleshwarkar, Anand; Lausman, Rick L.; Crabtree, Jonathan D.; Lucas, Kyle J.; Hintz, Monty E.
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Thank you Eileen,

Will this be all of E.ON's comments, or are others still reviewing?

Thanks,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Thursday, September 23, 2010 9:50 AM
To: Hillman, Timothy M.
Subject: FW: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Tim,

Please see the clarification from Joe below.

Thanks,

Eileen

From: Didelot, Joe
Sent: Wednesday, September 22, 2010 3:38 PM
To: Saunders, Eileen
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

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JMD

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Subject: FW: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

All,

Please see the attached minutes from our B&V meeting and let me know if you have any comments by Thursday so I can respond to Tim by Friday.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Monday, September 20, 2010 5:09 PM
To: Saunders, Eileen
Cc: 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lausman, Rick L.; Mahabaleshwarkar, Anand; Hintz, Monty E.; Lucas, Kyle J.
Subject: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Eileen,

Please find attached draft meeting minutes from last week's kickoff and Mill Creek site visit. Please provide E.ON's comments back to me by Friday, 9/24.

Best regards,

Tim Hillman | Project Manager
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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: 168908 E.ON-AQC; Jackson, Audrey; Mooney, Mike (BOC 3); Wehrly, M. R.; Lucas, Kyle J.; Hillman, Timothy M.
Sent: 9/24/2010 12:36:44 PM
Subject: 168908.21.0100 100924 - Project Instruction Memorandum (PIM)
Attachments: ArchiveInfo.htm

Eileen,

As we discussed in our kickoff meeting, please find attached a copy of the Project Instruction Memorandum (PIM). The purpose of the PIM is to summarize the procedures and information that will be used by Black & Veatch in support of developing the Phase II Air Quality Control (AQC) Study for E.ON. It is our understanding that E.ON may duplicate this procedure and file system for your own record and document storage.

Please let us know if you have any questions.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- 168908 EON Phase II AQC Study PIM 092410.pdf

From: Saunders, Eileen
To: Straight, Scott
Sent: 9/24/2010 1:17:10 PM
Subject: FW: 168908.14.1000 100917 Mill Creek - Acceleration of MC 1 and 2 SCR Installation

Scott,

Here is the high level summary of B&V's response to the question you raised in the kickoff meeting.

Thank you,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, September 17, 2010 1:01 PM
To: Saunders, Eileen
Cc: Lausman, Rick L.; Lucas, Kyle J.; Mahabaleshwarkar, Anand; Wehrly, M. R.; Hintz, Monty E.
Subject: 168908.14.1000 100917 Mill Creek - Acceleration of MC 1 and 2 SCR Installation

Eileen,

Anand and the rest of the team combined notes in this email to present both a high level and somewhat detailed summary of the issues surrounding Scott's inquiry about accelerating the installation schedule of SCRs at Mill Creek Units 1 and 2. Hopefully this will assist you in the pending management decision process.

Thanks for all you planning and organization this week. I thought the meetings and site walk downs were very helpful and meaningful.

Tim.

Summary

The most direct path of accelerating the installation of SCRs on Units 1 and 2 would be to construct the new SCRs with the existing ESPs in place. Unfortunately, this is hampered by the close proximity of the existing dry ESPs to the boilers. As a result, there is no room to route ductwork to and from the new SCRs. Therefore, any acceleration of Unit 1 and 2's new SCR schedule would likely require the original Phase 1 approach of building a new ESP and/or PJFF/NID *first*, in order that the existing ESP could be demolished to make room for the new SCR and ductwork.

Details and Basis

Available SCR Options for MC 1 & 2:

- Option 1. High-dust SCR located above the existing dry ESP
- Option 2. High-dust SCR located at new location with new air heater placed directly under the new SCR reactor
- Option 3. Tail-end, low-dust SCR located on new ground downstream of existing ESP, with flue gas reheat

Challenges Presented by the Economizer Outlet and the Close Proximity of the Existing Dry ESP:

- For SCR Options 1 and 2, the economizer outlet duct would need to be routed eastwards out of the boiler building through the east boiler building wall to flow the flue gas to the SCR reactor inlet, located either per Option 1 or 2. The arrangement of the existing dry ESP, located to the east and at approximately same elevation as the economizer outlet duct, along with its close proximity to the boiler building wall, are all preventing the routing of new SCR inlet duct towards the east direction. Similarly, due to presence of boiler support steel inside the boiler building, it is nearly impossible to route the ductwork out to either the north or south side.
- Also, for Option 1, the new SCR outlet duct needs to be connected back to the existing air heater, which is located directly underneath the economizer. This creates additional congestion in the same area and presents ductwork support challenges with the current boiler steel. On the other hand, for Option 2, it is possible to install a new air heater underneath the new SCR reactor at another location and connect the flue gas stream to the new dry ESP and/or PJFF/NID. However, the routing of the SCR inlet ductwork out of the boiler building for Option 2 still faces the same challenges as Option 1.
- The tail-end, low-dust SCR (Option 3) will increase the capital and O&M cost due to the need for flue gas reheating and another air heater to maintain the SCR operating temperature. Therefore, Option 3 is not considered feasible in this

preliminary review.

Solutions to above challenges:

- For SCR Options 1 and 2, routing of the new SCR ductwork makes the demolition of the existing dry ESPs inevitable. Therefore, in order to create room for a new SCR, a new dry ESP and/or PJFF/NID system will need to be installed first, while the units are online. Once the new dry ESP and/or PJFF/NID system is installed and operating, the existing dry ESP can be demolished to create room for the new SCR. The ID fan and or booster fan requirements can also be finalized based on the BOP challenges, including aux power availability.
- Option 3 is believed to be capital and O&M cost intensive, and is therefore not considered feasible in this preliminary review.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
Sent: 9/24/2010 1:25:02 PM
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Tim,

Here are my corrections/clarifications:

- The name Mike Rooney should be Mike Mooney.
- Action items 13 and 14- Was that a request made directly to the plant? I do not have anything in my notes regarding that request.

Please make this correction along with the other change I sent and then we can make these minutes Final.

Thanks,

Eileen

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Sent: Monday, September 20, 2010 5:09 PM
To: Saunders, Eileen
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Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Wehrly, M. R.; Lucas, Kyle J.; Crabtree, Jonathan D.
Sent: 9/24/2010 1:37:37 PM
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Thanks Eileen,

Regarding Action Items 13 and 14, these were discussed during the 9/16 debriefing meeting with the plant. Please refer to meeting minutes #27 and #28, respectively, for the context of these requests. We are also adding these items to the Information Request list, which we intend to have ready early next week.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, September 24, 2010 12:25 PM
To: Hillman, Timothy M.
Subject: RE: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Tim,

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From: Hillman, Timothy M.
To: Mooney, Mike (BOC 3); Kramarikova, Drahomira (Mirka)
CC: Saunders, Eileen; Wehry, M. R.; Lucas, Kyle J.
Sent: 9/24/2010 1:40:57 PM
Subject: RE: EON US Work Estimate for August

Thanks Mike. I recall this request from our kick-off meeting. I will work with Mirka to support your request.

Best Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Mooney, Mike (BOC 3) [<mailto:Mike.Mooney@eon-us.com>]
Sent: Friday, September 24, 2010 12:37 PM
To: Kramarikova, Drahomira (Mirka); Hillman, Timothy M.
Cc: Saunders, Eileen
Subject: EON US Work Estimate for August

Mirka,

My name is Mike Mooney and I am the Budget Analyst for EON US. Each month end, I will need an estimate for services or work completed during the month for which we have not yet been invoiced. I need to report the amount to the accounting department here for an accrual entry. All I need is your best guess estimate, if you do not have a concrete number. Unfortunately, I need this accrual amount by September 30 as our accruals are due to the accounting department by close of business on the last day of each month.

If you have any questions or concerns, please feel free to contact me via email or phone call.

Mike Mooney
Budget Analyst II, Project Engineering
BOC 3
BOC Phone: (502) 627-3671
Fax: (502) 627-4815
E-mail: Mike.Mooney@eon-us.com

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: 168908 E.ON-AQC; Wehrly, M. R.; Lucas, Kyle J.; Jackson, Audrey; Hillman, Timothy M.
Sent: 9/24/2010 2:17:04 PM
Subject: 168908.14.1000 100924 Mill Creek - Final Kickoff and Site Visit Meeting Minutes
Attachments: ArchiveInfo.htm

Eileen,

Please find attached the final Mill Creek Kickoff meeting minutes incorporating E.ON's comments.
Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
Sent: Monday, September 20, 2010 4:09 PM
To: 'Saunders, Eileen'
Cc: 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lausman, Rick L.; Mahabaleshwarkar, Anand; Hintz, Monty E.; Lucas, Kyle J.
Subject: 168908.14.1000 100920 Mill Creek - Draft Kickoff and Site Visit Meeting Minutes

Eileen,

Please find attached draft meeting minutes from last week's kickoff and Mill Creek site visit. Please provide E.ON's comments back to me by Friday, 9/24.

<< File: Mill Creek Kickoff and Site Walkdown Meeting Minutes with Attachments - Draft.pdf >>
Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- Mill Creek Kickoff and Site Walkdown Meeting Minutes - Final with Attachments.pdf

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Lucas, Kyle J.; Lawson, Stacy J.; Wehrly, M. R.
Sent: 9/24/2010 2:33:34 PM
Subject: Did not Receive Emails
Attachments: ArchiveInfo.htm

Eileen,

I received the following emails with no attachments. It appears you may have sent some files that exceeded the email capacity. We should have the iBackup system up an running soon to alleviate this problem.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

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The following attachments were archived from this message:

- WARNING : Email Exceeded Maximum Size Limit
- WARNING : Email Exceeded Maximum Size Limit

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
CC: Lucas, Kyle J.; Lawson, Stacy J.; Wehrly, M. R.; Jackson, Audrey
Sent: 9/24/2010 2:38:44 PM
Subject: RE: Did not Receive Emails

Yes. I just got the rejection notices. Audrey Jackson is burning the information onto a CD and will overnight them to you. This submittal is for items 13 and 14 on the meeting minutes action item list.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, September 24, 2010 2:34 PM
To: Saunders, Eileen
Cc: Lucas, Kyle J.; Lawson, Stacy J.; Wehrly, M. R.
Subject: Did not Receive Emails

Eileen,

I received the following emails with no attachments. It appears you may have sent some files that exceeded the email capacity. We should have the iBackup system up and running soon to alleviate this problem.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Jackson, Audrey; 168908 E.ON-AQC; Wehrly, M. R.; Hintz, Monty E.; Mahabaleshwarkar, Anand; Goodlet, Roger F.; Lausman, Rick L.; Lucas, Kyle J.; Crabtree, Jonathan D.; King, Michael L. (Mike)
Sent: 9/28/2010 8:49:29 AM
Subject: 168908.14.1000 100928 Ghent - Draft Kickoff Meeting Agenda
Attachments: ArchiveInfo.htm

Eileen,

Please find attached a draft meeting agenda for the Ghent kickoff meeting next week. Once again, I have assumed there will be lunch onsite. You will also note that agenda items III and IV on the first day include the presentations we discussed yesterday during our conference call.

B&V attendees will include:

- Anand Mahabaleshwarkar (Oct 6th only)
- Rick Lausman
- M.R. Wehrly
- Monty Hintz
- Roger Goodlet
- Tim Hillman

Once I have your comments, I will finalize for distribution.

Best regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- EON Ghent Kickoff Meeting Agenda.doc

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Jackson, Audrey; 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.
Sent: 9/28/2010 11:05:01 AM
Subject: 168908.41.0141 100928 Mill Creek Action Items 13 and 14 on the CD

Eileen,

Please see Jonathan's email below regarding the information contained on the CD you sent us.

Thank you.

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 65211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Crabtree, Jonathan D.
Sent: Tuesday, September 28, 2010 9:38 AM
To: Hillman, Timothy M.
Cc: Wehrly, M. R.; Lucas, Kyle J.; Hintz, Monty E.
Subject: RE: Did not Receive Emails

Tim -

I reviewed the CD provided by E.ON. It contains the following:

Unit 1 Reliability Assessment Report of Sulfur Dioxide Removal System- December 18, 2008 by Mesa
Unit 2 Reliability Assessment Report of Sulfur Dioxide Removal System- December 17, 2008 by Mesa
Unit 4 Scrubber Inspection Report - June 10, 2008 by Mesa (Note: This document was included twice on CD.)

In order to complete action items 13 and 14 from KO meeting, we will also need the Unit 3 steel inspection report (AI#13) and the minimum access dimension box for the Mill Creek site (AI#14).

Thanks,

Jonathan

From: Hillman, Timothy M.
Sent: Monday, September 27, 2010 10:29 AM
To: Crabtree, Jonathan D.
Cc: Wehrly, M. R.; Lucas, Kyle J.
Subject: FW: Did not Receive Emails

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From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, September 24, 2010 1:39 PM
To: Hillman, Timothy M.
Cc: Lucas, Kyle J.; Lawson, Stacy J.; Wehrly, M. R.; Jackson, Audrey
Subject: RE: Did not Receive Emails

Yes. I just got the rejection notices. Audrey Jackson is burning the information onto a CD and will overnight them to you. This submittal is for items 13 and 14 on the meeting minutes action item list.

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, September 24, 2010 2:34 PM
To: Saunders, Eileen
Cc: Lucas, Kyle J.; Lawson, Stacy J.; Wehrly, M. R.
Subject: Did not Receive Emails

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From: Saunders, Eileen
To: Betz, Alex
CC: Didelot, Joe
Sent: 9/28/2010 11:32:20 AM
Subject: FW: 168908.41.0141 100928 Mill Creek Action Items 13 and 14 on the CD

Alex,

Thank you for the information you sent me last week. I put it on a CD and provided it to B&V. There are two additional items described in the emails below. Do you have a Unit 3 steel inspection report that you can provide me? Also, B&V needs to know the minimum access dimension box for the Mill Creek site.

If you are not the right person to provide this information, please let me know who to talk to regarding the request.

Thanks,

Eileen

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Sent: Tuesday, September 28, 2010 11:05 AM
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Cc: Jackson, Audrey; 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.
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From: Saunders, Eileen
To: 'Hillman, Timothy M.'
CC: Jackson, Audrey; 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.
Sent: 9/28/2010 11:32:38 AM
Subject: RE: 168908.41.0141 100928 Mill Creek Action Items 13 and 14 on the CD

I have passed along the request to the plant.

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Tuesday, September 28, 2010 11:05 AM
To: Saunders, Eileen
Cc: Jackson, Audrey; 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.
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From: Betz, Alex
To: Saunders, Eileen
Sent: 9/28/2010 3:52:14 PM
Subject: RE: 168908.41.0141 100928 Mill Creek Action Items 13 and 14 on the CD

Eileen,

I am still the person to get the minimum access dimension box, but I do not have the answer for you yet. I have talked to a few people but still need to talk to a couple more.

As for the MC3 Steel Inspection report, I do not know if one exists. Unit 3 was not part of MESA's inspection scope. I can dig around and see if there was an inspection prior to the duct work replacement, but I don't know of anything.

I'll let you know what I find out tomorrow.

Thanks,

Alex Betz

(502) 933-6602 Office
(502) 217-2286 Fax
(502) 817-3733 Cell

From: Saunders, Eileen
Sent: Tuesday, September 28, 2010 11:32 AM
To: Betz, Alex
Cc: Didelot, Joe
Subject: FW: 168908.41.0141 100928 Mill Creek Action Items 13 and 14 on the CD

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From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Tuesday, September 28, 2010 11:05 AM
To: Saunders, Eileen
Cc: Jackson, Audrey; 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.
Subject: 168908.41.0141 100928 Mill Creek Action Items 13 and 14 on the CD

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Tim Hillman | Project Manager
Power Generation - Environmental Services
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11401 Lamar Avenue

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From: Crabtree, Jonathan D.
Sent: Tuesday, September 28, 2010 9:38 AM
To: Hillman, Timothy M.
Cc: Wehrly, M. R.; Lucas, Kyle J.; Hintz, Monty E.
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Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen [mailto:Eileen.Saunders@eon-us.com]
Sent: Friday, September 24, 2010 1:39 PM
To: Hillman, Timothy M.
Cc: Lucas, Kyle J.; Lawson, Stacy J.; Wehrly, M. R.; Jackson, Audrey
Subject: RE: Did not Receive Emails

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From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Friday, September 24, 2010 2:34 PM
To: Saunders, Eileen
Cc: Lucas, Kyle J.; Lawson, Stacy J.; Wehrly, M. R.
Subject: Did not Receive Emails

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From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Jackson, Audrey; 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lucas, Kyle J.; Betz, Alex
Sent: 9/29/2010 10:26:00 AM
Subject: 168908.41.0100 100929 Mill Creek Engineering Data Request
Attachments: ArchiveInfo.htm

Eileen,

Please find attached our Engineering Data Request for Mill Creek. We have spent a considerable amount of time researching, cross-referencing with data we already have, and narrowing this list to only those items essential to our work. While the list may look longer than the draft you reviewed earlier, there are very few new requests, just additional detail on some of the more open-ended requests we previously listed. I have also attached for your information, the "Mill Creek Data Index", which is our current inventory of information that we already have on file for Mill Creek. Native and PDF formats of both documents are included.

In a separate email, we will be sending instructions for the use of the iBackup accounts to begin transferring data.

Please don't hesitate to call if you have any questions. I request that you copy M.R Wehrly and Jonathan Crabtree (both copied on this email) on any questions related to this request.

Best regards,

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The following attachments were archived from this message:

- Mill Creek Information Request 092910.doc
- Mill Creek Information Request 092910.pdf
- Mill Creek Data Index 092910.xls
- Mill Creek Data Index 092910.pdf

From: Saunders, Eileen
To: Betz, Alex
Sent: 9/29/2010 1:57:47 PM
Subject: RE: 168908.41.0100 100929 Mill Creek Engineering Data Request

Alex,

I have not had the time to review this request but noticed your name on the cc list. I will take today to review and will also check your calendar to see if we can find time tomorrow to run through the list together. I didn't want you to think I was just pushing this off on you!!!

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 29, 2010 10:26 AM
To: Saunders, Eileen
Cc: Jackson, Audrey; 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lucas, Kyle J.; Betz, Alex
Subject: 168908.41.0100 100929 Mill Creek Engineering Data Request

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11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Saunders, Eileen
To: 'Hillman, Timothy M.'
CC: Jackson, Audrey; 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lucas, Kyle J.; Betz, Alex
Sent: 9/29/2010 2:38:18 PM
Subject: RE: 168908.41.0100 100929 Mill Creek Engineering Data Request

Received!

Thanks,

Eileen

From: Hillman, Timothy M. [mailto:HillmanTM@bv.com]
Sent: Wednesday, September 29, 2010 10:26 AM
To: Saunders, Eileen
Cc: Jackson, Audrey; 168908 E.ON-AQC; Crabtree, Jonathan D.; Wehrly, M. R.; Lucas, Kyle J.; Betz, Alex
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Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Conroy, Robert
To: Saunders, Eileen; Straight, Scott
CC: Schroeder, Andrea; Bellar, Lonnie
Sent: 10/8/2010 7:38:08 AM
Subject: RE: ECR compliance plan filings.

Eileen,

It is a similar file but the request are two different ones. The one you would provide Monday is the monthly spend for each of the projects. I thought this information would already be available since it is in the MTP already, but at an aggregated basis.

The other item I am needing was what Scott and I discussed prior to him leaving last Thursday. It is the "Construction" date for each of the project.

Any preliminary information would be helpful as I need to provide information on ECR filings to Kent.

Thanks

Robert M. Conroy
Director, Rates
E.ON U.S. Services Inc.
(502) 627-3324 (phone)
(502) 627-3213 (fax)
(502) 741-4322 (mobile)
robert.conroy@eon-us.com

From: Saunders, Eileen
Sent: Thursday, October 07, 2010 6:49 PM
To: Conroy, Robert; Straight, Scott
Cc: Schroeder, Andrea; Bellar, Lonnie
Subject: Re: ECR compliance plan filings.

Robert,

Scott has been on vacation since you originally sent this request. This looks like the same document that Stacy Ritchey and I communicated would be sent to you on Monday after Scott's review.

I am working from my blackberry at the moment and couldn't see the document well but I believe it is the same.

Also, I sent you everything I had from B&V. If you have any questions about that information, please give me a call. I will be at the BOC tomorrow.

Thank you,

Eileen

From: Conroy, Robert
To: Straight, Scott; Saunders, Eileen
Cc: Schroeder, Andrea; Bellar, Lonnie
Sent: Thu Oct 07 17:23:21 2010
Subject: FW: ECR compliance plan filings.

Scott/Eileen,

Have you been able to complete the information below?

Robert M. Conroy

Director, Rates

E.ON U.S. Services Inc.

(502) 627-3324 (phone)

(502) 627-3213 (fax)

(502) 741-4322 (mobile)

robert.conroy@eon-us.com

From: Conroy, Robert
Sent: Thursday, September 30, 2010 2:25 PM
To: Straight, Scott
Cc: Saunders, Eileen; Schroeder, Andrea
Subject: ECR compliance plan filings.

Scott,

Here is the table that I gave you before you left. As we discussed, the column labeled "ECR Filing" was a place holder based on when spending would occur and in no way is it accurate. What I need is an understanding of what documentation we have to support a CCN and ECR filing for each of the projects. In addition, since most of the projects will require a CCN, I need to know when "construction" as defined by the CCN will begin so that I can plan accordingly on when to file the application with the KPSC.

You had mentioned "Black and Veatch" study supporting the projects. Would it be possible for me to get access to review that document so I can understand what we have? Thanks for your help and let me know what time you are available to discuss tomorrow.

<<Environmental Summay alternate scenario Rev4 - Pras (2).xls>>

Robert M. Conroy

Director, Rates

E.ON U.S. Services Inc.

(502) 627-3324 (phone)

(502) 627-3213 (fax)

(502) 741-4322 (mobile)

robert.conroy@eon-us.com

From: Saunders, Eileen
To: Conroy, Robert; Straight, Scott
CC: Schroeder, Andrea; Bellar, Lonnie
Sent: 10/8/2010 8:30:39 AM
Subject: RE: ECR compliance plan filings.

Robert,

Thanks for the clarification. The information is readily available for the financial piece but Scott has directed his team to have him review documents such as these before we send them out to other departments.

Scott did not speak to me regarding your conversation before he left but I will work on your other request as well. I will give you a call if I have any other questions.

Thank you,

Eileen

From: Conroy, Robert
Sent: Friday, October 08, 2010 7:38 AM
To: Saunders, Eileen; Straight, Scott
Cc: Schroeder, Andrea; Bellar, Lonnie
Subject: RE: ECR compliance plan filings.

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The other item I am needing was what Scott and I discussed prior to him leaving last Thursday. It is the "Construction" date for each of the project.

Any preliminary information would be helpful as I need to provide information on ECR filings to Kent.

Thanks

Robert M. Conroy
Director, Rates
E.ON U.S. Services Inc.
(502) 627-3324 (phone)
(502) 627-3213 (fax)
(502) 741-4322 (mobile)
robert.conroy@eon-us.com

From: Saunders, Eileen
Sent: Thursday, October 07, 2010 6:49 PM
To: Conroy, Robert; Straight, Scott
Cc: Schroeder, Andrea; Bellar, Lonnie
Subject: Re: ECR compliance plan filings.

Robert,

Scott has been on vacation since you originally sent this request. This looks like the same document that Stacy Ritchey and I communicated would be sent to you on Monday after Scott's review.

I am working from my blackberry at the moment and couldn't see the document well but I believe it is the same.

Also, I sent you everything I had from B&V. If you have any questions about that information, please give me a call. I will be at the BOC tomorrow.

Thank you,

Eileen

From: Conroy, Robert
To: Straight, Scott; Saunders, Eileen
Cc: Schroeder, Andrea; Bellar, Lonnie
Sent: Thu Oct 07 17:23:21 2010
Subject: FW: ECR compliance plan filings.

Scott/Eileen,

Have you been able to complete the information below?

Robert M. Conroy

Director, Rates

E.ON U.S. Services Inc.

(502) 627-3324 (phone)

(502) 627-3213 (fax)

(502) 741-4322 (mobile)

robert.conroy@eon-us.com

From: Conroy, Robert
Sent: Thursday, September 30, 2010 2:25 PM
To: Straight, Scott
Cc: Saunders, Eileen; Schroeder, Andrea
Subject: ECR compliance plan filings.

Scott,

Here is the table that I gave you before you left. As we discussed, the column labeled "ECR Filing" was a place holder based on when spending would occur and in no way is it accurate. What I need is an understanding of what documentation we have to support a CCN and ECR filing for each of the projects. In addition, since most of the projects will require a CCN, I need to know when "construction" as defined by the CCN will begin so that I can plan accordingly on when to file the application with the KPSC.

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<<Environmental Summay alternate scenario Rev4 - Pras (2).xlsx>>

Robert M. Conroy

Director, Rates

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(502) 627-3324 (phone)

(502) 627-3213 (fax)

(502) 741-4322 (mobile)

robert.conroy@eon-us.com

From: Saunders, Eileen
To: Ritchey, Stacy
Sent: 10/8/2010 8:30:54 AM
Subject: FW: ECR compliance plan filings.

Please stop by...

From: Saunders, Eileen
Sent: Friday, October 08, 2010 8:31 AM
To: Conroy, Robert; Straight, Scott
Cc: Schroeder, Andrea; Bellar, Lonnie
Subject: RE: ECR compliance plan filings.

Robert,

Thanks for the clarification. The information is readily available for the financial piece but Scott has directed his team to have him review documents such as these before we send them out to other departments.

Scott did not speak to me regarding your conversation before he left but I will work on your other request as well. I will give you a call if I have any other questions.

Thank you,

Eileen

From: Conroy, Robert
Sent: Friday, October 08, 2010 7:38 AM
To: Saunders, Eileen; Straight, Scott
Cc: Schroeder, Andrea; Bellar, Lonnie
Subject: RE: ECR compliance plan filings.

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(502) 627-3213 (fax)
(502) 741-4322 (mobile)
robert.conroy@eon-us.com

From: Saunders, Eileen
Sent: Thursday, October 07, 2010 6:49 PM
To: Conroy, Robert; Straight, Scott
Cc: Schroeder, Andrea; Bellar, Lonnie

Subject: Re: ECR compliance plan filings.

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Sent: Thu Oct 07 17:23:21 2010
Subject: FW: ECR compliance plan filings.

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Have you been able to complete the information below?

Robert M. Conroy

Director, Rates

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Sent: Thursday, September 30, 2010 2:25 PM
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Subject: ECR compliance plan filings.

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<<Environmental Summay alternate scenario Rev4 - Pras (2).xlsx>>

Robert M. Conroy

Director, Rates

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(502) 627-3324 (phone)

(502) 627-3213 (fax)

(502) 741-4322 (mobile)

robert.conroy@eon-us.com

From: Conroy, Robert
To: Ritchey, Stacy
CC: Schroeder, Andrea
Sent: 10/7/2010 12:44:11 PM
Subject: FW: Environmental Summay alternate scenario Rev4 - Pras.xlsx
Attachments: Environmental Summay alternate scenario Rev4 - Pras.xlsx

Stacy,

This is the table I referenced in my voice-mail. Can you provided us monthly numbers for these projects?

Robert M. Conroy

Director, Rates

E.ON U.S. Services Inc.

(502) 627-3324 (phone)

(502) 627-3213 (fax)

(502) 741-4322 (mobile)

robert.conroy@eon-us.com

From: Garrett, Chris
Sent: Friday, September 24, 2010 10:17 AM
To: Conroy, Robert; Foxworthy, Carol
Subject: Environmental Summay alternate scenario Rev4 - Pras.xlsx

Here is a summary of the costs by technology by plant site. The CCR costs are not included in this schedule, but we anticipate getting ECR recovery in the Plan for the capital expenditures, but not the cost of removal (\$200M in capex related; \$500m in removal costs). The CCR costs breakdown is in the PowerPoint slide in the prior email.

Chris

	A	C	D	E	F	G	H	I	J	K	L	M	N
1	Environmental Air - CATR by January 2015, NAAQS by January 2016, HAPs by January 2017												
2	\$ in thousands												
3		Capital Cost		2011	2012	2013	2014	2015	2016	2017	2018	Total	
4	Alternate Plan												
5	Brown												
6	Brown 1 - SCR	\$59,000		\$2,950	\$17,700	\$23,600	\$14,750					\$59,000	\$0
7	Brown 1 - Baghouse	\$34,000		\$1,700	\$11,900	\$13,600	\$6,800					\$34,000	\$0
8	Brown 1 - PAC Injection	\$1,599				\$800	\$800					\$1,599	\$0
10	Brown 1 - SAM Mitigation	\$4,000		\$200	\$1,200	\$1,600	\$1,000					\$4,000	\$0
12	Brown 1 - Escalation	\$15,476		\$371	\$3,679	\$6,504	\$4,922					\$15,476	\$0
13	Total Brown 1	\$114,075		\$5,221	\$34,479	\$46,103	\$28,272	\$0	\$0	\$0	\$0	\$114,075	\$0
14													
15	Brown 2 - SCR	\$92,000		\$9,200.0	\$34,500	\$43,700	\$4,600					\$92,000	\$0
16	Brown 2 - Baghouse	\$34,000			\$1,360	\$10,200	\$10,880	\$10,540	\$1,020			\$34,000	\$0
17	Brown 2 - PAC Injection	\$2,476					\$1,238	\$1,238				\$2,476	\$0
20	Brown 2 - SAM Mitigation	\$4,000		\$200	\$1,600	\$2,200						\$4,000	\$0
22	Brown 2 - Escalation	\$21,300		\$718	\$4,475	\$9,214	\$3,524	\$3,053	\$316			\$21,300	\$0
23	Total Brown 2	\$153,776		\$10,118	\$41,935	\$65,314	\$20,242	\$14,831	\$1,336	\$0	\$0	\$153,776	\$0
24													
27	Brown 3 - Baghouse	\$61,000				\$1,830	\$21,350	\$28,670	\$9,150			\$61,000	\$0
28	Brown 3 - PAC Injection	\$5,426					\$1,000	\$3,426	\$1,000			\$5,426	\$0
31	Brown 3 - Escalation	\$16,475		\$0	\$0	\$301	\$4,711	\$8,320	\$3,142			\$16,475	\$0
32	Total Brown 3	\$82,901		\$0	\$0	\$2,131	\$27,061	\$40,416	\$13,292	\$0	\$0	\$82,901	\$0
33													
34	Total Brown	\$350,751		\$15,339	\$76,414	\$113,547	\$75,575	\$55,248	\$14,628	\$0	\$0	\$350,751	\$0
35													
36	Ghent												
37	Ghent 1 - Baghouse	\$131,000				\$3,930	\$45,850	\$61,570	\$19,650			\$131,000	\$0
38	Ghent 1 - PAC Injection	\$6,380					\$1,000	\$4,380	\$1,000			\$6,380	\$0
42	Ghent 1 - Escalation	\$34,012		\$0	\$0	\$645	\$9,876	\$17,097	\$6,393			\$34,012	\$0
43	Total Ghent 1	\$171,392		\$0	\$0	\$4,575	\$56,726	\$83,047	\$27,043	\$0	\$0	\$171,392	\$0
44													
45	Ghent 2 - SCR	\$227,000		\$11,350	\$68,100	\$90,800	\$56,750					\$227,000	\$0
46	Ghent 2 - Baghouse	\$120,000				\$4,800	\$42,000	\$56,400	\$16,800			\$120,000	\$0
47	Ghent 2 - PAC Injection	\$6,109					\$1,000	\$4,109	\$1,000			\$6,109	\$0
52	Ghent 2 - Escalation	\$66,928		\$867	\$8,135	\$15,701	\$21,028	\$15,686	\$5,511			\$66,928	\$0
53	Total Ghent 2	\$420,037		\$12,217	\$76,235	\$111,301	\$120,778	\$76,195	\$23,311	\$0	\$0	\$420,037	\$0
54													
55	Ghent 3 - Baghouse	\$138,000				\$16,560	\$48,300	\$66,240	\$6,900			\$138,000	\$0
56	Ghent 3 - PAC Injection	\$6,173					\$3,087	\$3,087				\$6,173	\$0
60	Ghent 3 - Escalation	\$33,660		\$0	\$0	\$2,720	\$10,832	\$17,972	\$2,136			\$33,660	\$0
61	Total Ghent 3	\$177,833		\$0	\$0	\$19,280	\$62,219	\$87,298	\$9,036	\$0	\$0	\$177,833	\$0
62													
63	Ghent 4 - Baghouse	\$117,000				\$11,700	\$40,950	\$58,500	\$5,850			\$117,000	\$0
64	Ghent 4 - PAC Injection	\$6,210					\$3,105	\$3,105				\$6,210	\$0
68	Ghent 4 - Escalation	\$28,990		\$0	\$0	\$1,922	\$9,287	\$15,970	\$1,811	\$0	\$0	\$28,990	\$0
69	Total Ghent 4	\$152,200		\$0	\$0	\$13,622	\$53,342	\$77,575	\$7,661	\$0	\$0	\$152,200	\$0
70													
71	Total Ghent	\$921,461		\$12,217	\$76,235	\$148,777	\$293,065	\$324,115	\$67,052	\$0	\$0	\$921,461	\$0
72													
73	Mill Creek												

	A	C	D	E	F	G	H	I	J	K	L	M	N
74	Mill Creek 1 - FGD Upgrade	\$41,250				\$10,313	\$28,875	\$2,063				\$41,250	\$0
75	Mill Creek 1 - SCR	\$97,020				\$2,911	\$27,166	\$29,106	\$35,897	\$1,940		\$97,020	\$0
76	Mill Creek 1 - Baghouse	\$80,850			\$8,085	\$28,298	\$40,425	\$4,043				\$80,850	\$0
77	Mill Creek 1 - Electrostatic Precipitator	\$0			\$0	\$0	\$0	\$0				\$0	\$0
78	Mill Creek 1 - PAC Injection	\$4,290			\$429	\$1,502	\$2,360					\$4,290	\$0
81	Mill Creek 1 - SAM Mitigation	\$7,920				\$396	\$792	\$2,376	\$3,960	\$396		\$7,920	\$0
83	Mill Creek 1 - Escalation	\$52,077		\$0	\$1,017	\$7,131	\$21,000	\$9,744	\$12,340	\$846		\$52,077	\$0
84	Total Mill Creek 1	\$283,407		\$0	\$9,531	\$50,549	\$120,617	\$47,331	\$52,197	\$3,182	\$0	\$283,407	\$0
85													
86	Mill Creek 2 - FGD Upgrade	\$41,250			\$10,313	\$28,875	\$2,063					\$41,250	\$0
87	Mill Creek 2 - SCR	\$97,020			\$2,911	\$27,166	\$29,106	\$35,897	\$1,940			\$97,020	\$0
88	Mill Creek 2 - Baghouse	\$80,850		\$8,085	\$28,298	\$40,425	\$4,043					\$80,850	\$0
89	Mill Creek 2 - Electrostatic Precipitator	\$33,000		\$3,300	\$11,550	\$16,500	\$1,650					\$33,000	\$0
90	Mill Creek 2 - PAC Injection	\$4,290		\$429	\$1,502	\$2,360						\$4,290	\$0
91	Mill Creek 2 - SAM Mitigation	\$7,920			\$396	\$792	\$2,376	\$3,960	\$396			\$7,920	\$0
92	Mill Creek 2 - Escalation	\$45,866		\$903	\$6,566	\$19,070	\$8,271	\$10,332	\$723	\$0		\$45,866	\$0
93	Total Mill Creek 2	\$310,196		\$12,717	\$61,534	\$135,188	\$47,508	\$50,190	\$3,060	\$0	\$0	\$310,196	\$0
94													
97	Mill Creek 3 - FGD (U4 update and tie in)	\$63,750					\$47,813	\$15,938				\$63,750	\$0
98	Mill Creek 3 - FGD (Unit 3 Removal)	\$25,500					\$6,375	\$19,125				\$25,500	\$0
99	Mill Creek 3 - Baghouse	\$104,125			\$2,083	\$31,238	\$39,568	\$31,238				\$104,125	\$0
100	Mill Creek 3 - PAC Injection	\$5,525			\$111	\$1,658	\$2,100	\$1,658				\$5,525	\$0
101	Mill Creek 3 - Escalation	\$43,488		\$0	\$262	\$5,402	\$20,206	\$17,617	\$0			\$43,488	\$0
102	Total Mill Creek 3	\$242,388		\$0	\$2,455	\$38,297	\$116,061	\$85,575	\$0	\$0	\$0	\$242,388	\$0
103													
104	Mill Creek 4 - FGD	\$236,250		\$18,900	\$80,325	\$89,775	\$47,250					\$236,250	\$0
105	Mill Creek 4 - SCR Upgrade	\$5,250		\$4,200	\$1,050							\$5,250	\$0
106	Mill Creek 4 - Baghouse	\$131,250		\$5,250	\$45,938	\$52,500	\$27,563					\$131,250	\$0
107	Mill Creek 4 - PAC Injection	\$6,825		\$273	\$2,389	\$2,730	\$1,433					\$6,825	\$0
108	Mill Creek 4 - Ammonia	\$10,500		\$5,250	\$5,250							\$10,500	\$0
109	Mill Creek 4 - Escalation	\$58,596		\$2,588	\$16,121	\$23,815	\$16,073	\$0				\$58,596	\$0
110	Total Mill Creek 4	\$448,671		\$36,461	\$151,072	\$168,820	\$92,319	\$0	\$0	\$0	\$0	\$448,671	\$0
111													
112	Total Mill Creek	\$1,284,663		\$49,177	\$224,592	\$392,854	\$376,505	\$183,095	\$55,257	\$3,182	\$0	\$1,284,663	\$0
113													
114	Trimble												
115	Trimble 1 - Baghouse	\$128,000				\$12,800	\$44,800	\$64,000	\$6,400			\$128,000	\$0
116	Trimble 1 - PAC Injection	\$6,451					\$3,226	\$3,226				\$6,451	\$0
117	Trimble 1 - Escalation	\$31,635		\$0	\$0	\$2,102	\$10,124	\$17,427	\$1,981			\$31,635	\$0
118	Total Trimble 1	\$166,086		\$0	\$0	\$14,902	\$58,149	\$84,653	\$8,381	\$0	\$0	\$166,086	\$0
119													
120	Total Trimble	\$166,086		\$0	\$0	\$14,902	\$58,149	\$84,653	\$8,381	\$0	\$0	\$166,086	\$0
121													
122	Total Environmental Compliance Air - Alternate Plan	\$2,722,961		\$76,733	\$377,241	\$670,080	\$803,294	\$647,111	\$145,319	\$3,182	\$0	\$2,722,961	\$0
123													
124													
125	Scope	\$2,274,459											
126	Escalation	\$448,502											
127		\$2,722,961											
128													

	A	C	D	E	F	G	H	I	J	K	L	M	N
129													
130													
131													
132													
133													
134				3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%		
135				1	2	3	4	5	6	7	8		

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: 168908 E.ON-AQC; Jackson, Audrey; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand; Wehrly, M. R.; Lausman, Rick L.; Hintz, Monty E.; Goodlet, Roger F.; Betz, Alex; Lucas, Kyle J.; Smith, Dave
Sent: 10/25/2010 10:33:24 AM
Subject: 168908.28.3000 101025 - Action Item List
Attachments: ArchiveInfo.htm

Eileen,

Attached is the updated action item list for our weekly Monday conference call.

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

From: Hillman, Timothy M.
Sent: Monday, October 18, 2010 8:57 AM
To: 'Saunders, Eileen'
Cc: 168908 E.ON-AQC; 'audrey.jackson@eon-us.com'; Crabtree, Jonathan D.; Mahabaleshwarkar, Anand; Wehrly, M. R.; Lausman, Rick L.; Hintz, Monty E.; Goodlet, Roger F.; 'Betz, Alex'; Lucas, Kyle J.; 'dave.smith@eon-us.com'
Subject: 168908.28.3000 101018 - Action Item List

Eileen,

Attached is the updated action item list for our weekly Monday conference call.

<< File: 168908 EON ACTION ITEM LIST.xls >>

Regards,

Tim Hillman | Project Manager
Power Generation - Environmental Services
Black & Veatch - Building a World of Difference™
11401 Lamar Avenue
Overland Park, KS 66211
Phone: (913) 458-7928
Email: hillmantm@bv.com

This message and its attachments have been archived. To retrieve, double click the message in the message list.

The following attachments were archived from this message:

- 168908 EON ACTION ITEM LIST.xls

From: Hillman, Timothy M.
To: Saunders, Eileen
CC: Jackson, Audrey; 168908 E.ON-AQC; Wehry, M. R.; Lucas, Kyle J.; Crabtree, Jonathan D.
Sent: 12/22/2010 2:47:47 PM
Subject: 168908.10.2240 101222 Phase II AQC Study - Updated Milestone Schedule and Out of Scope Activities

Eileen,

Below are a couple project administration matters to update you on.

1) I have attached our milestone schedule for the Phase II AQC cost estimate work and included some updates based on recent project developments. The most notable revision is associated with Mill Creek, where we have experienced about a month delay awaiting direction on which arrangement to proceed with on Unit 4, and which technology (NID vs. PJFF/Inj) for Units 1 and 2. Since we decided during our December 13, 2010 Monday conference call to proceed with both Unit 4 arrangements for the cost estimate, I have updated the milestone schedule with that date as the start of conceptual design (Task 7) for Mill Creek. The rest of the milestones for Mill Creek were adjusted accordingly based on the conceptual design start date. I'm confident the high-level cost comparison between NID vs. PJFF/Inj that we are preparing for January 3, 2011 will allow LG&E/KU to provide direction on which technology to go with on Mill Creek Units 1 and 2.

For Ghent and Brown, the milestones have slipped approximately 3 weeks. This is primarily due to the impact the holidays have had on reviewing and approving the validation results for Ghent and scheduling of the Brown validation meeting, as well as the desire to maintain some stagger in the milestone schedules for each facility as draft and final cost estimate reports are prepared and reviewed.

Please review the revised milestones and let me know of any questions or concerns.

	Mill Creek	Ghent	Brown
	Aug 26, 2010	Aug 26, 2010	Aug 26, 2010
Site Visit Meeting (Task 1)	Sep 14, 2010	Oct 4, 2010	Nov 8, 2010
(Task 6)	Sep 7, 2010	Oct 11, 2010	Nov 15, 2010
Design - Meeting (Task 6)	Nov 8, 2010	Dec 6, 2010	Jan 10, 2011 Jan 17, 2011
Design (Task 7)	Nov 15, 2010 Dec 13, 2010	Dec 13, 2010 Jan 10, 2011	Jan 17, 2011 Feb 7, 2011
(Task 8)	Dec 13, 2010 Jan 10, 2011	Jan 10, 2011 Jan 31, 2011	Feb 7, 2011 Feb 28, 2011
(Task 11)	Feb 7, 2011 Mar 14, 2011	Mar 14, 2011 Apr 4, 2011	Apr 11, 2011 May 2, 2011
Validation Meeting (Task 11)	March 7, 2011 Apr 11, 2011	Apr 11, 2011 May 2, 2011	May 7, 2011 May 30, 2011

2) As we also discussed in our December 13th conference call, B&V has been asked to complete a few tasks which we consider to be outside of our scope as currently

defined. I identified these activities in our in our November Monthly report sent to LG&E/KU on December 14, 2010, and have included below for reference along with a couple updates on their status. B&V will begin separately tracking and billing the engineering costs associated with the following out-of-scope activities. Depending on the effort expended on these out-of-scope activities and the remaining authorized budget, it is understood, as was agreed during the aforementioned conference call, that additional budget authorization from LG&E/KU may be required in the future to fulfill these requests.

#	DESCRIPTION	Source/Status
1	<p>Mill Creek Unit 4 alternative arrangements - Scott requested costs be developed during the validation phase to aid in selection.</p> <p>Two arrangements have emerged during validation, a N-S arrangement, and an E-W arrangement. Each has their pros and cons. LG&E/KU project management team cannot make an arrangement decision without cost information on both. B&V has agreed to advance both arrangements through conceptual design and cost estimating.</p>	<p>11/1/2010 Conference call with Eileen and Scott.</p> <p>Status In progress. As discussed in the 12/13/10 Monday conference call, it was decided to advance both arrangements through conceptual design and cost estimation.</p>
2	<p>Develop a high level summary of air pollution control technologies for each of the 18 coal-fired units in the LG&E KU fleet. This information will include all pollutants identified in the Phase II scope and will consider both existing AQC equipment as well as new proposed AQC from the Phase II study. The data will be presented in tabular form and all 18 units will be presented in the table. This high level summary will review those AQC equipment that are being considered for installation for the primary control of specific pollutants as well as identify which existing equipment may have a co-benefit of control. However, only those equipment and pollutants with specific targeted emission rates from the Phase II study will have a control efficiency identified. This control efficiency will be based on the available study information and assumptions to achieve the targeted pollutant emission level. For those Phase I units, the summary will only indicate what existing equipment they currently have and will not indicate any assumed AQC equipment or emission rates from the Phase I study. For those technologies that are assumed to have potential co-benefits of control, the pollutant(s) will be identified but no control efficiency will be noted.</p>	<p>12/7/2010 Conference call with Eileen and Scott following the Ghent validation meeting.</p> <p>Status Completed 12/10/10.</p>
3	<p>As part of the Mill Creek Phase II study, to aid in the determination of which of two proposed AQC technologies to move forward into the budgetary cost analysis (i.e., sorbent injection and PJFF or NIDs) for Units 1 and 2, LG&E/KU has requested that B&V contact Mark Paluta, Account Manager at Alstom Power GPS on behalf of LG&E/KU and</p>	<p>12/7/2010 Conference call with Eileen and Scott following the Ghent validation meeting.</p> <p>Status</p>

request the following information.

- Based on B&V providing the inlet conditions and other supporting information such as equipment locations to the assumed NID technology for Units 1 and 2, Alstom will provide the total costs to erect the NID for each unit.
- Alstom to provide all NID consumables.
- Based on the installation of the NID on each unit, Alstom will provide the updated consumables for the existing WFGDs.
- Alstom to provide aux loads for the NIDs and updated aux loads fore the existing WFGDs (if they change with the installation and operation of the NIDs)

Upon receipt of the above information, B&V will develop a high level costs comparison between in the installation and operation of the NIDs vs. the installation and operation of the sorbent injection and PJFF for units 1 and 2.

In progress. Expect to issue high level NID vs. PJFF/Inj cost estimate for Mill Creek Units 1 and 2 on 01/03/11.

Best regards and Happy Holidays!

TIM HILLMAN | Project Manager, Energy

Black & Veatch Corporation | 11401 Lamar Ave., Overland Park, KS 66211

+ 1 913-458-7928 p | HillmanTM@BV.com

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From: Saunders, Eileen </O=LGE/OU=LOUISVILLE/CN=RECIPIENTS/CN=SAUNDERE>
Sent: 4/30/2010 1:13:57 PM
To: Harper, Travis <Travis.Harper@eon-us.com>; Hensley, Mike <Mike.Hensley@eon-us.com>; Stevens, Michael <Michael.Stevens@eon-us.com>; Koller, Tiffany <Tiffany.Koller@eon-us.com>; Piening, Carla <Carla.Piening@eon-us.com>; Nix, Stephen <Stephen.Nix@eon-us.com>; Pabian, Brad <Brad.Pabian@eon-us.com>; Carman, Barry <Barry.Carman@eon-us.com>; Black, Greg <Black@eon-us.com>; Revlett, Gary <Gary.Revlett@eon-us.com>; Wilson, Stuart <Stuart.Wilson@eon-us.com>; Karavayev, Louanne <Louanne.Karavayev@eon-us.com>; Imber, Philip <Philip.Imber@eon-us.com>; Hance, Chuck <Chuck.Hance@eon-us.com>; Whitworth, Wayne <Wayne.Whitworth@eon-us.com>; Fraley, Jeffrey <Jeffrey.Fraley@eon-us.com>; Crutcher, Tom <Tom.Crutcher@eon-us.com>; Billiter, Delbert <Delbert.Billiter@eon-us.com>; Cosby, David <David.Cosby@eon-us.com>; Straight, Scott <Scott.Straight@eon-us.com>; Troost, Tom <Tom.Troost@eon-us.com>; Wilson, Dan <Dan.Wilson@eon-us.com>; Vaughn, Deborah (BOC) <Deborah.Vaughn@eon-us.com>; Jackson, Audrey <Audrey.Jackson@eon-us.com>; Saunders, Eileen <Eileen.Saunders@eon-us.com>
Subject: Copy: Environmental Compliance Project Kickoff Meeting
Location: BOC- Lower Level Assembly Room
Start: Mon 5/10/2010 12:00:00 PM
End: Mon 5/10/2010 2:00:00 PM
Recurrence: (none)
Meeting Status: Not yet responded

Required Attendees: Harper, Travis; Hensley, Mike; Stevens, Michael; Koller, Tiffany; Piening, Carla; Nix, Stephen; Pabian, Brad; Carman, Barry; Black, Greg; Revlett, Gary; Wilson, Stuart; Karavayev, Louanne; Imber, Philip; Hance, Chuck; Whitworth, Wayne; Fraley, Jeffrey; Crutcher, Tom; Billiter, Delbert; Cosby, David; Straight, Scott; Troost, Tom; Wilson, Dan; Vaughn, Deborah (BOC); Jackson, Audrey; Saunders, Eileen

When: Monday, May 10, 2010 12:00 PM-5:00 PM (GMT-05:00) Eastern Time (US & Canada).

Where: BOC- Lower Level Assembly Room

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

All,

Please note the change in the kickoff date. The contractor (Black and Veatch) and I discussed the schedule and agreed that the best use of our time would be to collect data the week of May 3, 2010 and follow up with a more focused kickoff on May, 10th. The next few days, May 11-14 will be used for parallel site visits to all of the plants for additional data collection.

This changes means that you have until May 7, 2010 for us to collect and send in the initial data that was requested in my previous emails. I will send out our data collection strategy next week.

An agenda will be developed and sent out next week. It is possible that some participants may only be needed for part of the meeting. Lunch will be provided from 12:15 until 1pm. The meeting will begin promptly at 1pm.

Thank you for your patience as we work to get this project moving.

Sincerely,

Eileen

From: Kuhl, Megan
To: Rives, Brad; Thompson, Paul; McCall, John; Hermann, Chris
CC: Garrett, Chris; Neal, Susan; Blake, Kent; Kaiser, Pat
Sent: 8/27/2010 11:33:58 AM
Subject: E-MAIL VOTE SOLICITED: MTP Engineering - Air Compliance Projects
Attachments: 2011 MTP Level I Engineering - Air Compliance Projects.docx

This request seeks authorization of \$2,000K to continue refining the scopes, implementation schedules and cost estimates of projects identified in the development of the 2011 MTP as necessary for compliance with proposed or final local, state and federal air compliance regulations through 2016.

Authority is also requested for a sole source award to Black & Veatch (B&V) engineering firm for \$1.6 million on a time-and-material basis for Phase II of the Air Compliance portion of the 2011 MTP. B&V will perform the majority of studies included in the \$2 million project sanction request; however, smaller valued contracts will be awarded to various technology firms to perform miscellaneous reviews of the LG&E and KU existing air pollution control technologies for potential upgrades to their performance.

Please send your approval/rejection by COB Wednesday, September 1.

Thank you,

Megan Kuhl

Financial Analyst I, Financial Planning
E.ON U.S.
(502) 627-3716
megan.kuhl@eon-us.com

Investment/Contract Proposal for IC: e-mail vote on 8/27/10

Project Name:	MTP Engineering – Air Compliance Projects	
Total Expenditures:	\$2,000K	
Sole Source Amount:	\$1,600K	
Project Number:	131693 – LG&E	131694 - KU
Business Unit/Line of Business:	LG&E and KU Coal-Fired Generation	
Prepared/Presented By:	Eileen Saunders/Scott Straight	

Executive Summary

This request seeks authorization of \$2,000K to continue refining the scopes, implementation schedules and cost estimates of projects identified in the development of the 2011 MTP as necessary for compliance with proposed or final local, State and Federal air compliance regulations through 2016.

In addition to requesting approval of a new engineering project that will continue refining the 2011 MTP air compliance scope, this request also seeks approval of a sole source award to Black & Veatch (B&V) engineering firm. B&V will perform the majority of studies included in the \$2 million project sanction request; however, smaller valued contracts will be awarded to various technology firms to perform miscellaneous reviews of the LG&E and KU existing air pollution control technologies for potential upgrades to their performance.

Background

Starting this year and continuing for the next two years, the United States Environmental Protection Agency (USEPA) will be developing and implementing several new environmental regulations. These new regulations will significantly impact our coal-fired electric generating units and will affect all environmental areas of air, water and land. The pollutants targeted in three of the new air regulations are SO₂ and NO_x. There is a recent new 1-hour National Ambient Air Quality Standard (NAAQS) for SO₂ and NO_x that will require lower emission rates at several of the stations and the CAIR rule is proposed to be replaced by a new Clean Air Transport Rule (CATR). Each will require additional reductions in SO₂ and NO_x. In 2011, the USEPA is expected to propose and finalize an Electric Utility Maximum Achievable Control Technology Rule (MACT). The MACT rule will require significant reductions in hazardous air pollutants such as mercury and acid gases (i.e., SO₃/H₂SO₄ emissions) which are also emitted from the LG&E and KU coal-fired electric generation fleet.

In May of 2010, Project Engineering was asked to investigate the technological and financial impacts of new environmental air regulations on the KU and LG&E coal-fired units. B&V was hired through a competitive bid process at a contract valued at \$149K and given six weeks to provide a high level estimate based on site visits, data collection from the plants and industry experience. As a result of this Phase I effort, approximately \$3 billion (escalated) of Air

Emissions Mitigation System additions and retrofits were identified as possible scenarios for bringing the fleet into compliance with the projected standards.

Through the approval of this investment/contract proposal, B&V will be contracted with to continue with Phase II of the engineering and estimating effort. This effort will provide a facility-specific project definition consisting of conceptual designs and budgetary cost estimates for selected air quality control technologies. This effort will result in a Level 1 Engineering assessment for Mill Creek, Ghent and EW Brown. The work for each facility will be staggered with the Mill Creek effort commencing first.

Award of the Phase II work to B&V will provide continuity to the initial study work. The contract will be on a time and material basis, not-to-exceed sole source contract, with a value of \$1.6M. Black and Veatch will keep their original team in place to gain efficiencies for the Phase II work. The scope of their work will include activities/deliverables such as the following:

- Kick-Off Meetings at each facility
- Conceptual Design
- Building and Plant Arrangements
- Technology Screening
- Constructability Plans
- Project Cost Estimates including Cash Flows
- Refined Implementation Schedules

The remainder of the investment funding will cover costs of internal labor and expenses and the use of other external engineering /construction firms to review existing air pollution control technology performance enhancement options. Two examples of this would be hiring Riley Power (the original SCR technology firm) to review/model NO_x emission reduction improvements on the existing Mill Creek 4 SCR that they originally design in 2002 and their review of improvements to the Mill Creek FGDs similar to the improvements they designed for TC1's FGD improvements as part of the TC2 Project.

Project timeline:

Level I Engineering	Begin	Complete
Mill Creek	August 2010	March 2011
Ghent	October 2010	April 2011
Brown	January 2011	May 2011

Economic Analysis and Risks

No economic or risk analyses have been performed as this request seeks only sanction to continue refining and developing the scopes, schedules and cost estimates for projects throughout the coal-fired fleet within LG&E and KU to comply with pending air regulations. Each project identified in this continuance of studies will seek sanction independent of this sanction and thus will have economic and risk analyses performed specifically for each project or coal-fired unit.

Assumptions

Assumptions that will be used as a basis for the continuance of analyses performed within this sanction are the Energy Services 2011 MTP Assumptions. The primary assumptions are described in the Background section above.

Financial Summary (\$000s)

None performed. This sanction will be capitalized and spread pro-rata across the air compliance projects that are sanctioned in the future.

Cash Flow Comparison (\$000s)

Project Expenditures (\$Millions)	2010	2011	Total
2010 MTP/LTP	\$0.0	\$0.0	\$0.0
Current Proposal	\$.75	\$1.25	\$2.0

Sensitivities

None performed.

Risks

The 2011 draft MTP includes approximately \$3 billion in air compliance projects identified with scope identification, schedules and cost estimates based on minimum (much less than Level I Engineering) engineering analyses. Disapproving this sanction will result in the continuance of generation planning for compliance with pending or proposed air regulations with scopes, schedules and estimates that have a significant margin of error.

Other Alternatives Considered

None

Conclusions and Recommendation

It is the recommendation of Project Engineering and Power Production to approve the continuance of studying and analyzing the scopes and options necessary to comply with pending or proposed air compliance regulations for the KU and LG&E coal-fired generating units. The continuance of these studies will lead to better definition of scopes, implementation schedules and cost estimates of major capital projects to comply with the air regulations that will be incorporated into the 2011 and 2012 MTP plans. Approval is also requested to award B&V a sole source award for \$1.6 million on a time-and-material basis for Phase II of the Air Compliance portion of the 2011 MTP.

Eileen Saunders
Manager Major Capital Projects

Scott Straight
Director Project Engineering

John Voyles
VP Transmission & Gen. Services

Ralph Bowling
VP Power Production

Paul Thompson
SVP Energy Services

Brad Rives
Chief Financial Officer

Victor Staffieri
Chief Executive Officer

From: Straight, Scott
To: Saunders, Eileen; Hudson, Rusty; Ritchey, Stacy; Garrett, Chris
CC: Joyce, Jeff; Kirkland, Mike; Bowling, Ralph; Voyles, John
Sent: 1/5/2011 9:30:08 AM
Subject: FW: Air Totals With No SCRs and with Only Ghent 2 SCR
Attachments: Environmental Summary Breakdown 1-3-11 R1.xlsx

All,

A small note to clarify the parenthetical in Rusty's note. The \$7M for each SCR unit that Rusty referenced is for a modification to allow SCR operation at reduced loads beyond what these units can do now. The hot water recirc process is just one method to achieve this capability. I would title the \$7M for each unit something like "SCR Turndown" instead of hot water recirc to pick up the other ways to achieve the results we want.

"cc" Joyce and Kirkland to keep them in the info loop.

Scott

From: Hudson, Rusty
Sent: Monday, January 03, 2011 5:20 PM
To: Garrett, Chris
Cc: Ritchey, Stacy; Straight, Scott
Subject: Air Totals With No SCRs and with Only Ghent 2 SCR

Chris, at Paul's 4:00 meeting it was determined that we should provide a range between none of the SCR's being built, and just the Ghent 2 SCR being built. Given that new EPA allocations will be issued in March of 2011 and that we are right on the margin until the Cane Run combined cycle unit comes on line, that should give us room in case the allocations go against us. Also included in the numbers is \$7m per unit for turn-down capabilities on the existing units of Ghent 1,3, and 4, and MC 3 and 4 (adding hot water recirc similar to what is being done on Brown 3). The range therefore is a reduction of \$379m if Ghent 2 is still built, to \$641m if none of the SCR's are built. Rusty

	A	D	E	F	G	H	I	J	K	L	M	N
1	2.) Environmental Air - CATR by January 2015, NAAQS by January 2016, HAPs by January 2017											
2	Capital Cost - Investment Accrual Basis (Includes Removal/ARO), Excluding all SCR except Ghent 2											
3	\$ in thousands											
4		Total	2010	2011	2012	2013	2014	2015	2016	2017		
5	Cash Flow By Year											
6	Brown											
7	Brown 1 - Baghouse	\$39,218		\$1,830	\$13,322	\$15,834	\$8,233					
8	Brown 1 - PAC Injection	\$1,899		\$0	\$0	\$931	\$968					
9	Brown 1 - SAM Mitigation	\$4,632		\$215	\$1,343	\$1,863	\$1,211					
10	Total Brown 1	\$45,750	\$0	\$2,045	\$14,665	\$18,627	\$10,412	\$0	\$0	\$0		
11												
12	Brown 2 - Baghouse	\$41,179		\$0	\$1,522	\$11,875	\$13,174	\$13,272	\$1,336	\$0		
13	Brown 2 - PAC Injection	\$3,058		\$0	\$0	\$0	\$1,499	\$1,559	\$0	\$0		
14	Brown 2 - SAM Mitigation	\$4,568		\$215	\$1,791	\$2,561	\$0	\$0	\$0	\$0		
15	Total Brown 2	\$48,805	\$0	\$215	\$3,314	\$14,437	\$14,673	\$14,831	\$1,336	\$0		
16												
17	Brown 1 & 2 - SAM Mitigation											
18												
19	Brown 3 - Baghouse	\$76,066		\$0	\$0	\$2,131	\$25,851	\$36,102	\$11,983	\$0		
20	Brown 3 - PAC Injection	\$6,835		\$0	\$0	\$0	\$1,211	\$4,314	\$1,310	\$0		
21	Total Brown 3	\$82,901	\$0	\$0	\$0	\$2,131	\$27,061	\$40,416	\$13,292	\$0		
22												
23	Total Brown	\$177,455	\$0	\$2,260	\$17,978	\$35,194	\$52,146	\$55,248	\$14,628	\$0		
24												
25	Ghent											
26	Ghent 1 - Baghouse	\$163,356				\$4,575	\$55,515	\$77,531	\$25,734			
27	Ghent 1 - PAC Injection	\$8,036		\$0	\$0	\$0	\$1,211	\$5,515	\$1,310	\$0		
28	Ghent 1 - SAM Mitigation	\$7,750	\$375	\$7,375								
29	Total Ghent 1	\$179,142	\$375	\$7,375	\$0	\$4,575	\$56,726	\$83,047	\$27,043	\$0		
30												
31	Ghent 2 - SCR	\$262,878		\$12,217	\$76,235	\$105,712	\$68,713	\$0	\$0	\$0		
32	Ghent 2 - Baghouse	\$149,464		\$0	\$0	\$5,588	\$50,854	\$71,021	\$22,001			
33	Ghent 2 - PAC Injection	\$7,695		\$0	\$0	\$0	\$1,211	\$5,174	\$1,310			
34	Ghent 2 - SAM Mitigation	\$7,750	\$375	\$7,375								
35	Total Ghent 2	\$427,787	\$375	\$19,592	\$76,235	\$111,301	\$120,778	\$76,195	\$23,311	\$0		
36												
37	Ghent 3 - Baghouse	\$170,210		\$0	\$0	\$19,280	\$58,482	\$83,412	\$9,036	\$0		
38	Ghent 3 - PAC Injection	\$7,624		\$0	\$0	\$0	\$3,737	\$3,887	\$0	\$0		
39	Ghent 3 - SAM Mitigation	\$8,570	\$250	\$650	\$7,670							
40	Total Ghent 3	\$186,403	\$250	\$650	\$7,670	\$19,280	\$62,219	\$87,298	\$9,036	\$0		
41												
42	Ghent 4 - Baghouse	\$144,530		\$0	\$0	\$13,622	\$49,582	\$73,665	\$7,661	\$0		
43	Ghent 4 - PAC Injection	\$7,669		\$0	\$0	\$0	\$3,760	\$3,910	\$0	\$0		
44	Ghent 4 - SAM Mitigation	\$8,570	\$250	\$650	\$7,670							
45	Total Ghent 4	\$160,770	\$250	\$650	\$7,670	\$13,622	\$53,342	\$77,575	\$7,661	\$0		
46												
47	Total Ghent	\$954,101	\$1,250	\$28,267	\$91,575	\$148,777	\$293,065	\$324,115	\$67,052	\$0		
48												
49	Mill Creek											
50	Mill Creek 1 - FGD Upgrade	\$49,565		\$0	\$0	\$12,006	\$34,962	\$2,597	\$0	\$0		

Draft

	A	D	E	F	G	H	I	J	K	L	M	N
51	Mill Creek 1 - Baghouse	\$96,033		\$0	\$9,051	\$32,945	\$48,947	\$5,090	\$0	\$0		
52	Mill Creek 1 - PAC Injection	\$5,085		\$0	\$480	\$1,748	\$2,857	\$0	\$0	\$0		
53	Mill Creek 1 - SAM Mitigation	\$10,137		\$0	\$0	\$461	\$959	\$2,992	\$5,186	\$539		
54	Total Mill Creek 1	\$160,821	\$0	\$0	\$9,531	\$47,160	\$87,725	\$10,680	\$5,186	\$539		
55												
56	Mill Creek 2 - FGD Upgrade	\$47,659		\$0	\$11,544	\$33,617	\$2,497	\$0	\$0	\$0		
57	Mill Creek 2 - Baghouse	\$92,339		\$8,703	\$31,678	\$47,064	\$4,895	\$0	\$0	\$0		
58	Mill Creek 2 - Electrostatic Precipitator	\$37,690		\$3,552	\$12,930	\$19,210	\$1,998	\$0	\$0	\$0		
59	Mill Creek 2 - PAC Injection	\$4,890		\$462	\$1,681	\$2,747	\$0	\$0	\$0	\$0		
60	Mill Creek 2 - SAM Mitigation	\$9,747		\$0	\$443	\$922	\$2,877	\$4,987	\$519	\$0		
61	Total Mill Creek 2	\$192,325	\$0	\$12,717	\$58,276	\$103,560	\$12,267	\$4,987	\$519	\$0		
62												
63	Mill Creek 3 - FGD (U4 update and tie in)	\$84,262		\$0	\$0	\$0	\$59,235	\$25,027	\$0	\$0		
64	Mill Creek 3 - FGD (Unit 3 Removal)	\$25,500		\$0	\$0	\$0	\$6,375	\$19,125	\$0	\$0		
65	Mill Creek 3 - Baghouse	\$125,943		\$0	\$2,331	\$36,368	\$47,908	\$39,335	\$0	\$0		
66	Mill Creek 3 - PAC Injection	\$6,683		\$0	\$124	\$1,930	\$2,542	\$2,087	\$0	\$0		
67	Total Mill Creek 3	\$242,388	\$0	\$0	\$2,455	\$38,297	\$116,061	\$85,575	\$0	\$0		
68												
69	Mill Creek 4 - FGD	\$271,994		\$20,344	\$89,920	\$104,519	\$57,210	\$0	\$0	\$0		
70	Mill Creek 4 - SCR Upgrade	\$5,696		\$4,521	\$1,175	\$0	\$0	\$0	\$0	\$0		
71	Mill Creek 4 - Baghouse	\$151,571		\$5,651	\$51,425	\$61,122	\$33,373	\$0	\$0	\$0		
72	Mill Creek 4 - PAC Injection	\$7,882		\$294	\$2,674	\$3,178	\$1,735	\$0	\$0	\$0		
73	Mill Creek 4 - Ammonia	\$11,528		\$5,651	\$5,877	\$0	\$0	\$0	\$0	\$0		
74	Total Mill Creek 4	\$448,671	\$0	\$36,461	\$151,072	\$168,820	\$92,319	\$0	\$0	\$0		
75												
76	Total Mill Creek	\$1,044,205	\$0	\$49,177	\$221,334	\$357,838	\$308,371	\$101,241	\$5,705	\$539		
77												
78	Trimble											
79	Trimble 1 - Baghouse	\$158,119	\$0	\$0	\$0	\$14,902	\$54,244	\$80,591	\$8,381	\$0		
80	Trimble 1 - PAC Injection	\$7,967	\$0	\$0	\$0	\$0	\$3,905	\$4,062	\$0	\$0		
81	Total Trimble 1	\$166,086	\$0	\$0	\$0	\$14,902	\$58,149	\$84,653	\$8,381	\$0		
82												
83	Total Trimble	\$166,086	\$0	\$0	\$0	\$14,902	\$58,149	\$84,653	\$8,381	\$0		
84												
85	Environmental Air Studies											
86	Environmental Air Studies	\$2,000	\$1,250	\$750	\$0	\$0	\$0	\$0	\$0	\$0		
87	Total Environmental Air Studies	\$2,000	\$1,250	\$750	\$0	\$0	\$0	\$0	\$0	\$0		
88												
89												
90	Total Environmental Compliance - Air	\$2,343,848	\$2,500	\$80,455	\$330,887	\$556,712	\$711,731	\$565,256	\$95,766	\$539		
91												
92	Variance to MTP (Only SCR Ghent 2)	(\$378,754)	\$0	(\$13,078)	(\$44,194)	(\$95,869)	(\$91,563)	(\$81,855)	(\$49,553)	(\$2,643)		
93	LGE Variance to MTP (Only SCR Ghent 2)	(\$226,458)	\$0	\$0	\$3,742	(\$28,016)	(\$68,134)	(\$81,855)	(\$49,553)	(\$2,643)		
94	KU Variance to MTP (Only SCR Ghent 2)	(\$152,296)	\$0	(\$13,078)	(\$47,936)	(\$67,853)	(\$23,429)	\$0	\$0	\$0		
95												
96	\$7m for each of five SCR's (three KU and two LG&E) has been added back in (above) for turn-down capabilities (1/2 in 2012 and 1/2 in 2013).											
97	LG&E (two Mill Creek units)				7000	7000						
98	KU (three Ghent units)				10500	10500						

	A	D	E	F	G	H	I	J	K	L	M	N
1	2.) Environmental Air - CATR by January 2015, NAAQS by January 2016, HAPs by January 2017											
2	Capital Cost - Investment Accrual Basis (Includes Removal/ARO), No SCR											
3	\$ in thousands											
4		Total	2010	2011	2012	2013	2014	2015	2016	2017		
5	Cash Flow By Year											
6	Brown											
7	Brown 1 - Baghouse	\$39,218		\$1,830	\$13,322	\$15,834	\$8,233					
8	Brown 1 - PAC Injection	\$1,899		\$0	\$0	\$931	\$968					
9	Brown 1 - SAM Mitigation	\$4,632		\$215	\$1,343	\$1,863	\$1,211					
10	Total Brown 1	\$45,750	\$0	\$2,045	\$14,665	\$18,627	\$10,412	\$0	\$0	\$0		
11												
12	Brown 2 - Baghouse	\$41,179		\$0	\$1,522	\$11,875	\$13,174	\$13,272	\$1,336	\$0		
13	Brown 2 - PAC Injection	\$3,058		\$0	\$0	\$0	\$1,499	\$1,559	\$0	\$0		
14	Brown 2 - SAM Mitigation	\$4,568		\$215	\$1,791	\$2,561	\$0	\$0	\$0	\$0		
15	Total Brown 2	\$48,805	\$0	\$215	\$3,314	\$14,437	\$14,673	\$14,831	\$1,336	\$0		
16												
17	Brown 1 & 2 - SAM Mitigation											
18												
19	Brown 3 - Baghouse	\$76,066		\$0	\$0	\$2,131	\$25,851	\$36,102	\$11,983	\$0		
20	Brown 3 - PAC Injection	\$6,835		\$0	\$0	\$0	\$1,211	\$4,314	\$1,310	\$0		
21	Total Brown 3	\$82,901	\$0	\$0	\$0	\$2,131	\$27,061	\$40,416	\$13,292	\$0		
22												
23	Total Brown	\$177,455	\$0	\$2,260	\$17,978	\$35,194	\$52,146	\$55,248	\$14,628	\$0		
24												
25	Ghent											
26	Ghent 1 - Baghouse	\$163,356				\$4,575	\$55,515	\$77,531	\$25,734			
27	Ghent 1 - PAC Injection	\$8,036		\$0	\$0	\$0	\$1,211	\$5,515	\$1,310	\$0		
28	Ghent 1 - SAM Mitigation	\$7,750	\$375	\$7,375								
29	Total Ghent 1	\$179,142	\$375	\$7,375	\$0	\$4,575	\$56,726	\$83,047	\$27,043	\$0		
30												
31	Ghent 2 - Baghouse	\$149,464		\$0	\$0	\$5,588	\$50,854	\$71,021	\$22,001			
32	Ghent 2 - PAC Injection	\$7,695		\$0	\$0	\$0	\$1,211	\$5,174	\$1,310			
33	Ghent 2 - SAM Mitigation	\$7,750	\$375	\$7,375								
34	Total Ghent 2	\$164,909	\$375	\$7,375	\$0	\$5,588	\$52,065	\$76,195	\$23,311	\$0		
35												
36	Ghent 3 - Baghouse	\$170,210		\$0	\$0	\$19,280	\$58,482	\$83,412	\$9,036	\$0		
37	Ghent 3 - PAC Injection	\$7,624		\$0	\$0	\$0	\$3,737	\$3,887	\$0	\$0		
38	Ghent 3 - SAM Mitigation	\$8,570	\$250	\$650	\$7,670							
39	Total Ghent 3	\$186,403	\$250	\$650	\$7,670	\$19,280	\$62,219	\$87,298	\$9,036	\$0		
40												
41	Ghent 4 - Baghouse	\$144,530		\$0	\$0	\$13,622	\$49,582	\$73,665	\$7,661	\$0		
42	Ghent 4 - PAC Injection	\$7,669		\$0	\$0	\$0	\$3,760	\$3,910	\$0	\$0		
43	Ghent 4 - SAM Mitigation	\$8,570	\$250	\$650	\$7,670							
44	Total Ghent 4	\$160,770	\$250	\$650	\$7,670	\$13,622	\$53,342	\$77,575	\$7,661	\$0		
45												
46	Total Ghent	\$691,224	\$1,250	\$16,050	\$15,340	\$43,065	\$224,352	\$324,115	\$67,052	\$0		
47												
48	Mill Creek											
49	Mill Creek 1 - FGD Upgrade	\$49,565		\$0	\$0	\$12,006	\$34,962	\$2,597	\$0	\$0		
50	Mill Creek 1 - Baghouse	\$96,033		\$0	\$9,051	\$32,945	\$48,947	\$5,090	\$0	\$0		

Draft

	A	D	E	F	G	H	I	J	K	L	M	N
51	Mill Creek 1 - PAC Injection	\$5,085		\$0	\$480	\$1,748	\$2,857	\$0	\$0	\$0		
52	Mill Creek 1 - SAM Mitigation	\$10,137		\$0	\$0	\$461	\$959	\$2,992	\$5,186	\$539		
53	Total Mill Creek 1	\$160,821	\$0	\$0	\$9,531	\$47,160	\$87,725	\$10,680	\$5,186	\$539		
54												
55	Mill Creek 2 - FGD Upgrade	\$47,659		\$0	\$11,544	\$33,617	\$2,497	\$0	\$0	\$0		
56	Mill Creek 2 - Baghouse	\$92,339		\$8,703	\$31,678	\$47,064	\$4,895	\$0	\$0	\$0		
57	Mill Creek 2 - Electrostatic Precipitator	\$37,690		\$3,552	\$12,930	\$19,210	\$1,998	\$0	\$0	\$0		
58	Mill Creek 2 - PAC Injection	\$4,890		\$462	\$1,681	\$2,747	\$0	\$0	\$0	\$0		
59	Mill Creek 2 - SAM Mitigation	\$9,747		\$0	\$443	\$922	\$2,877	\$4,987	\$519	\$0		
60	Total Mill Creek 2	\$192,325	\$0	\$12,717	\$58,276	\$103,560	\$12,267	\$4,987	\$519	\$0		
61												
62	Mill Creek 3 - FGD (U4 update and tie in)	\$84,262		\$0	\$0	\$0	\$59,235	\$25,027	\$0	\$0		
63	Mill Creek 3 - FGD (Unit 3 Removal)	\$25,500		\$0	\$0	\$0	\$6,375	\$19,125	\$0	\$0		
64	Mill Creek 3 - Baghouse	\$125,943		\$0	\$2,331	\$36,368	\$47,908	\$39,335	\$0	\$0		
65	Mill Creek 3 - PAC Injection	\$6,683		\$0	\$124	\$1,930	\$2,542	\$2,087	\$0	\$0		
66	Total Mill Creek 3	\$242,388	\$0	\$0	\$2,455	\$38,297	\$116,061	\$85,575	\$0	\$0		
67												
68	Mill Creek 4 - FGD	\$271,994		\$20,344	\$89,920	\$104,519	\$57,210	\$0	\$0	\$0		
69	Mill Creek 4 - SCR Upgrade	\$5,696		\$4,521	\$1,175	\$0	\$0	\$0	\$0	\$0		
70	Mill Creek 4 - Baghouse	\$151,571		\$5,651	\$51,425	\$61,122	\$33,373	\$0	\$0			
71	Mill Creek 4 - PAC Injection	\$7,882		\$294	\$2,674	\$3,178	\$1,735	\$0	\$0			
72	Mill Creek 4 - Ammonia	\$11,528		\$5,651	\$5,877	\$0	\$0	\$0	\$0			
73	Total Mill Creek 4	\$448,671	\$0	\$36,461	\$151,072	\$168,820	\$92,319	\$0	\$0	\$0		
74												
75	Total Mill Creek	\$1,044,205	\$0	\$49,177	\$221,334	\$357,838	\$308,371	\$101,241	\$5,705	\$539		
76												
77	Trimble											
78	Trimble 1 - Baghouse	\$158,119	\$0	\$0	\$0	\$14,902	\$54,244	\$80,591	\$8,381	\$0		
79	Trimble 1 - PAC Injection	\$7,967	\$0	\$0	\$0	\$0	\$3,905	\$4,062	\$0	\$0		
80	Total Trimble 1	\$166,086	\$0	\$0	\$0	\$14,902	\$58,149	\$84,653	\$8,381	\$0		
81												
82	Total Trimble	\$166,086	\$0	\$0	\$0	\$14,902	\$58,149	\$84,653	\$8,381	\$0		
83												
84	Environmental Air Studies											
85	Environmental Air Studies	\$2,000	\$1,250	\$750	\$0	\$0	\$0	\$0	\$0	\$0		
86	Total Environmental Air Studies	\$2,000	\$1,250	\$750	\$0	\$0	\$0	\$0	\$0	\$0		
87												
88												
89	Total Environmental Compliance - Air	\$2,080,970	\$2,500	\$68,238	\$254,653	\$450,999	\$643,018	\$565,256	\$95,766	\$539		
90												
91	Variance to MTP (No SCR Amounts)	(\$641,631)	\$0	(\$25,295)	(\$120,429)	(\$201,581)	(\$160,276)	(\$81,855)	(\$49,553)	(\$2,643)		
92	LGE Variance to MTP (No SCR Amounts)	(\$226,458)	\$0	\$0	\$3,742	(\$28,016)	(\$68,134)	(\$81,855)	(\$49,553)	(\$2,643)		
93	KU Variance to MTP (No SCR Amounts)	(\$415,174)	\$0	(\$25,295)	(\$124,171)	(\$173,565)	(\$92,142)	\$0	\$0	\$0		
94												
95	\$7m for each of five SCR's (three KU and two LG&E) has been added back in (above) for turn-down capabilities (1/2 in 2012 and 1/2 in 2013).											
96	LG&E (two Mill Creek units)				7000	7000						
97	KU (three Ghent units)				10500	10500						

From: Schram, Chuck
To: Voyles, John
CC: Sinclair, David; Schetzel, Doug; Straight, Scott
Sent: 1/10/2011 8:54:09 AM
Subject: RE: EPA Regs Timeline
Attachments: EPA Regs Schedule 20110110.docx

John,
I discussed the attached additions/edits (dates for generation CCN, Gas ROW mtgs, Investment Comm. approvals, Transmission CCN) with Doug Schetzel. We should probably extend this calendar past the end of 2011 as we move further thru the current year.

Chuck

From: Voyles, John
Sent: Monday, January 10, 2011 7:20 AM
To: Schram, Chuck
Subject: RE: EPA Regs Timeline

Chuck,

This is getting close I think. On the CR CCGT, the last high level schedule from Doug in below in the table. It shows the Generation CCN in Oct, and the draft you sent says July. Let's reconcile these dates this morning if you can with Doug. Also, I would add in a few more key items for this project (Permitting consultant & filing, Gas pipeline nomination and meetings on ROW, Investment committee approvals, Trans CCN prep).

Thanks,

JV

Select Owner's Engineer, Permitting, and ROW Consultant	November 2010
Issue RFP for 3 rd Party Power	November 2010
Begin Electrical Interconnection Study	January 2011
Investment Committee Approval	May 2011
Public Meetings for Pipeline	June 2011
Initial Board Approval	July 2011
File Air Permit Application	July 2011
File Generation CCN	October 2011
File Transmission CCN	February 2012
Receive CCN's and Air Permit	October 2012
Award Major Equipment and EPC Contract	Oct/Nov 2012
Board Approval to Construct	December 2012
Construction Mobilization	March 2013

Eminent Domain Filings for ROW, if necessary

April 2013

Please note that my e-mail address has changed from john.voyles@eon-us.com to john.voyles@lge-ku.com. Please take this opportunity to update my address in your address book and delete the old e-mail address immediately. The old e-mail address will soon expire, and I will no longer be able to receive e-mails at that address.

From: Schram, Chuck
Sent: Friday, January 07, 2011 5:03 PM
To: Voyles, John
Subject: RE: EPA Regs Timeline

John, this is the updated version.

<< File: EPA Regs Schedule 20110107.docx >>
Chuck

From: Voyles, John
Sent: Friday, January 07, 2011 4:59 PM
To: Schram, Chuck
Subject: RE: EPA Regs Timeline

C,

Based on this and our conversation, will you send any updated version to me by Monday mid-morning?

Thanks

J

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From: Straight, Scott
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To: Schram, Chuck
Cc: Voyles, John
Subject: RE: EPA Regs Timeline

Chuck,
In general, looks okay. The only thing to consider is whether we should develop the April ECR filing both with/without the Ghent 2 SCR while understanding that we could file either.
Scott

From: Schram, Chuck
Sent: Monday, January 03, 2011 3:19 PM

To: Straight, Scott
Cc: Voyles, John
Subject: EPA Regs Timeline

Scott,
Attached is a draft containing some tentative dates for decisions related to EPA Regs. I used the April 1 ECR filing date that we discussed in the 12/6/2010 meeting. The dates later in 2011 are only placeholders at this point. Please review and consider other key decision dates that should be included.

<< File: EPA Regs Schedule 20110103.docx >>
Chuck

January 10, 2011

Key 2011 Dates for EPA Regulations Actions

Date	Item	Input/Review
Jan 14, 2011	Complete review of EPA's two alternate CATR allowance allocation methods	Env, Gen Planning
Jan 28, 2011	RFP responses for CR replacement capacity due	ES
Jan 31, 2011	Finalize content and timing of ECR filing	ES, RR
Mar 11, 2011	Review ECR filing draft	ES, RR
Mar 18, 2011	Evaluation of RFP responses complete	Gen Plan
Mar 31, 2011	Receive updated CATR NO _x /SO ₂ allocation information; MACT/HAPS proposed rule issued	Env, Proj Eng, Gen Plan
Apr 1, 2011	Potential ECR filing for MC FGDs, BR landfill, GH SAM Mitigation; (bag houses and GH2 SCR TBD)	Prj Eng, Gen Plan, RR
Apr 18, 2011	Finalize CATR control plan based on revised NO _x / SO ₂ allocations	Prj Eng, Gen Plan
Apr 29, 2011	Finalize scope of meeting MACT/HAPS proposed rule	Prj Eng, Gen Plan
May 31, 2011	Inv Committee/internal approvals before public mtgs	ES
Jun 1, 2011	Public ROW meetings – gas pipeline (conclude by Jul 18)	ES, RR
Jul 26, 2011	EPA releases proposed GHG regs	Env, ES
Sep 1, 2011	File CCN for CR replacement	ES, RR
Oct-Dec, 2011	Prepare Transmission CCN for CR replacement	Trans, RR
Nov 19, 2011	Potential ECR filing for MACT/HAPS controls, SCRs (if any result from revised CATR allowance allocation)	Prj Eng, Gen Plan, RR
Nov 30, 2011	Receive final MACT/HAPS rule	Env, ES
Dec 30, 2011	Review MACT/HAPS control plan based on final rule	Prj Eng

Input/Review: Env = Environmental; ES= Energy Services; RR = Rates and Regulatory

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Thanks,

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Subject: RE: EPA Regs Timeline

John, this is the updated version.

<< File: EPA Regs Schedule 20110107.docx >>

Chuck

From: Voyles, John
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To: Schram, Chuck
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<< File: EPA Regs Schedule 20110103.docx >>

Chuck

From: Schram, Chuck
To: Voyles, John
Sent: 1/7/2011 5:02:33 PM
Subject: RE: EPA Regs Timeline
Attachments: EPA Regs Schedule 20110107.docx

John, this is the updated version.

Chuck

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Sent: Friday, January 07, 2011 4:59 PM
To: Schram, Chuck
Subject: RE: EPA Regs Timeline

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Subject: RE: EPA Regs Timeline

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Scott

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Sent: Monday, January 03, 2011 3:19 PM
To: Straight, Scott
Cc: Voyles, John
Subject: EPA Regs Timeline

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<< File: EPA Regs Schedule 20110103.docx >>

Chuck

January 7, 2011

Key Dates for EPA Regulations Actions

Date	Item	Input/Review
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Dec 30, 2011	Review MACT/HAPS control plan based on final rule	Prj Eng

Input/Review: Env = Environmental; ES= Energy Services; RR = Rates and Regulatory

From: Straight, Scott
To: Straight, Scott; Thompson, Paul; Voyles, John; Bowling, Ralph; Hudson, Rusty; Hincker, Loren; Sinclair, David; Schetzel, Doug; Yussman, Eric; Jackson, Fred
CC: Waterman, Bob; Imber, Philip; Lively, Noel; Saunders, Eileen; Gregory, Ronald; Heun, Jeff; Hance, Chuck; Clements, Joe; Cooper, David (Legal); Jones, Greg; Keeling, Chip; Hendricks, Claudia; Ray, Barry; O'Brien, Dorothy (Dot); Bellar, Lonnie; Blake, Kent; Sturgeon, Allyson; Conroy, Robert; Cornett, Greg
Sent: 1/13/2011 4:54:51 PM
Subject: RE: Project Engineering's ES Bi-Weekly Report - January 14, 2011
Attachments: PE's Bi-Weekly Update of 1-14-11.docx

Resending with the correct 2010 Year's End Safety Chart.

From: Straight, Scott
Sent: Thursday, January 13, 2011 1:25 PM
To: Straight, Scott; Thompson, Paul; Voyles, John; Bowling, Ralph; Hudson, Rusty; Hincker, Loren; Sinclair, David; Schetzel, Doug; Yussman, Eric; Jackson, Fred
Cc: Waterman, Bob; Imber, Philip; Lively, Noel; Saunders, Eileen; Gregory, Ronald; Heun, Jeff; Hance, Chuck; Clements, Joe; Cooper, David (Legal); Jones, Greg; Keeling, Chip; Hendricks, Claudia; Ray, Barry; O'Brien, Dorothy (Dot); Bellar, Lonnie; Blake, Kent; Sturgeon, Allyson; Conroy, Robert; Cornett, Greg
Subject: Project Engineering's ES Bi-Weekly Report - January 14, 2011

<< File: PE's Bi-Weekly Update of 1-14-11.docx >>

Scott Straight, P.E.
Director, Project Engineering
LG&E and KU Energy, LLC
O (502) 627-2701
F (502) 217-2040
scott.straight@lge-ku.com

Energy Services - Bi-Weekly Update
PROJECT ENGINEERING
January 14, 2011

- **KU SO_x**

- Safety – NTR
- Schedule/Execution:
 - Ghent Elevators – in progress.
 - Ghent Misc. - Fluor demobilized in December. Two Fluor engineers returned to the site to oversee ID Fan Testing which is taking place the week of January 10, 2011.
 - Brown Unit 2 - ID fan and damper control implementation was completed during the last week of the outage as planned and scheduled.
 - Brown Gypsum - De-watering continues
 - Brown Coal Pile Modification – in progress.

- **TC2**

- Safety – NTR
- Schedule/Execution:
 - Bechtel EPC – Performance Guarantee Tests (on restricted coals) were completed 12/23/10. Bechtel's preliminary results indicate all guaranteed values for thermal performance and air emissions were met for Final Completion except for ammonia consumption, which met the Substantial Completion guarantee value. The preliminary results also indicate the Net Electrical Output Guarantee was surpassed by about 10 MW and Bechtel will qualify for the maximum performance bonus of \$6M if major changes to the combustion system are not performed during the amendment period. PE officially rejected Bechtel's petition for Substantial Completion because the work is not complete with respect to the burners and the ammonia forwarding system. An Amendment to the EPC Agreement is being negotiated with Bechtel that allows care, custody, and control of the unit to transfer to Owners while suspending delay LD's to Bechtel while Bechtel completes the burner and ammonia forwarding system work. The Amendment reserves our rights to LD's, warranty, performance, risk of loss, among other key business points, during this Interim Operation period.
- Contract Disputes/Resolution:
 - Bechtel completed a wire transfer of LD payments totaling just over \$25.6M on 1/12/11. This represents the undisputed amount of our \$38.1M demand letter for LD's accumulated through 11/20/10.
 - Finalization of the Amendment is targeted for week of Jan 10.
- Issues/Risk:
 - Design of the DBEL burners for our coal specification
 - Completion of the ammonia forwarding system.
 - Long-term life of the coal mill gearbox bearings.

- **Brown 3 SCR**

- Safety – NTR
- Permitting – NTR
- Engineering – proceeding as planned to support the spring 2012 in-service.
- Schedule/Execution – SCR ductwork deliveries nearly complete.

- Issues/Risk – NTR
- **Ohio Falls Rehabilitation**
 - Safety – Received and reviewing Voith Hydro Health and Safety Plan
 - Engineering
 - Voith Hydro proceeding with equipment orders and pre-mobilization issues for a restart of rehabilitation on Unit 5 in June, 2011.
 - RFQ for underwater repairs to Unit 5 gate slots to be out by Monday, 1/17.
 - B&V continues engineering on gate modifications; RFQ expected to be out in early February.
 - Continued review and edit of Aquarius Marine’s submittal of underwater inspection report for entire plant as required by FERC.
 - PE reviewing potential change in SOW for possible 240/480 VAC station auxiliary system upgrade.
 - PE completed work with Voith (VHMS) generator group on application for grid interconnection; information forwarded.
 - PE continues assembling SOW documents for Historic Maintenance Plan repairs to concrete building façade.
 - Issues/Risks
 - NTR
- **Mill Creek Limestone Project**
 - Safety - NTR
 - Schedule/Execution
 - East and Westbrook nearing completion of the building erection. Final work will take place the week of 1/10/11 with a punch list walk-down scheduled for 1/18/11.
 - Detailed Engineering - The award recommendation has been signed and notifications to the successful and non-successful bidders are in progress.
- **Cane Run CCP Project**
 - Permitting
 - 404 and Landfill Permit applications remain under review by the agencies. To date permitting process has gone well. The 401 permit was received on 8/4/10. The Flood Plain permit was received 11/22/10.
 - Engineering
 - The review of constructing the smaller landfill versus modifying the existing landfill and trucking balance of CCR to Mill Creek is nearing completion. Preliminary results indicate no financial benefit to NOT building the landfill; however, while cons exist for long-term trucking to Mill Creek (i.e. Safety, emissions off of trucks, bad weather handling, etc.) there are pros as well with regards to local issues. Initial review held with Bowling and a final review held with Bowling and Voyles. Currently looking at a third alternative, MSE wall around existing landfill to determine if it’s a viable option. Review meeting planned for 2/14/11.
 - Finalization of construction drawings are on hold until the KYDWM permit review is completed and any necessary changes can be incorporated.
 - Working on finalizing design, currently 60% complete, of the smaller landfill to support the proposed 2016 CCGT. A revised estimate for the smaller landfill has been completed by STANTEC and is under review with PE. The revised estimate is lower than the 2011 MTP amount that was a prorate from the original landfill scope.

- **Trimble Co. Barge Loading/Holcim**
 - Finalized order with UCC to purchase pneumatic Fly Ash handling system.
 - The permit has been published on the USACE's website.
 - Received 401 Stream Crossing permit on 20-Dec-10.
 - Working to issue BOP engineering contract.

- **TC CCP Project – BAP/GSP**
 - Safety – NTR
 - Schedule/Execution:
 - GSP's liner system installation completed. Placement of ballasting water for the liner was completed on 1/10/11. Preparations are now being made to set the GSP Raft.
 - All fill and mechanically stabilized earth wall work on the BAP is completed except for a small section of the South Dike. Work continues on erection of the new Pipe Rack, electrical duct banks to GSP Electrical Building and to Ash Pond Raft.
 - Actions being taken to prevent deer from entering the GSP. Fencing was completed at the GSP on 1/7/11.
 - Contract Disputes/Resolution
 - Minor issues to resolve with Riverside.
 - IC approved \$4.2m increase in Riverside contract authorization.
 - Issues/Risk
 - Weather remains the biggest risk; however, the weather over the last 4 months has been exceptional for this project.

- **TC CCP Project – Landfill**
 - Engineering
 - Detailed Engineering in progress with GAI.
 - Drill crews continue the geotechnical exploration.
 - Permitting:
 - The 401 Permit Application was submitted to the Kentucky Division of Water on 12/10/10.
 - The 404 Permit Application was submitted to the US Army Corps of Engineers on 12/21/10.
 - The final review with MACTEC and Environmental Affairs occurred 12/9/10 along with meetings with Legal and Right of Way on potential acquisition of small land parcels for right of ways and stream mitigation.

- **Ghent CCP Projects - Landfill**
 - Safety – NTR
 - Engineering:
 - Detailed Engineering of gypsum fines continues with B&V.
 - Issued tank foundation contract to E&W.
 - Detailed Engineering of the CCR Transport System awarded to B&V. The first conceptual scope meeting is scheduled for 1/17/11 to finalize the conceptual scope of the transport and handling systems.
 - Drawings and Specifications for the Detailed Engineering for the Landfill have been submitted for review within EON-US.
 - Permitting:
 - **All permit applications have been submitted.**
 - Miscellaneous

- Issues/Risk:
 - Land Acquisition – A meeting was held in LG&E Building on 12/17/10 with the remaining land owner’s counsel (Mr. Crawford) and the Deatons. A final offer will be submitted to Deatons counsel the by mid-January that positions them to accept the offer or we move to condemnation

- **E.W. Brown Ash Pond Project**
 - Safety – NTR
 - Issues/Risk:
 - Continue to work with Summit on contract settlement payout/resolution.
 - Engineering – Detailed Engineering in progress by MACTEC.
 - Schedule/Execution:
 - All work in the field is currently related to the Aux. Pond Scope of Work.
 - Placement of Gypsum on hold for favorable weather conditions. Gypsum will be stockpiled instead of sluicing to Aux Pond.
 - Continue to provide BR Landfill design information to MACTEC.
 - BR Landfill design Kick-Off was held on 1/11/11.

- **SO3 Mitigation (Mill Creek 3, Mill Creek 4, Brown 3, Ghent)**
 - Safety – NTR
 - Schedule/Execution – all projects essentially on hold until resolution of Ghent with EPA and Air Compliance planning with B&V study nears finalization in 1Q of 2011.
 - Next EPA discussion with respect to Ghent is the week of January 17th.
 - Planning further testing at Brown in conjunction with FGD Performance Testing utilizing high sulfur coal in March.

- **Cane Run CCGT**
 - Gas Pipe Line Routing – EMS has submitted and LGE has commented on a gas pipeline Routing Report. Planning second phase of design and engineering considering EMS for continued effort on this project.
 - Owner’s Engineer – HDR awarded \$200k to begin OE efforts. Preparing IC paper for February to increase AIP to \$5.5m to cover continued development efforts including full release of OE. Held NGCC primer to further educate Operations, EA, PE, Generation Planning on the CR7 design basis. Booked NGCC technology plant due diligence trips for the week of 1/24/11.
 - Sound Survey –. Survey complete and distributed. Note concerning results from survey.
 - Set-back Survey of Neighbors at Cane Run – OE has submitted new layout meeting the 2000’ foot residential setback requirements.
 - Start Up Emissions – Preparing all heat balances and emissions based on 640 net MW 1% summer design condition which equates to 690 net MW winter condition. Planned kickoff meeting with Trinity on week of 1/31/11.

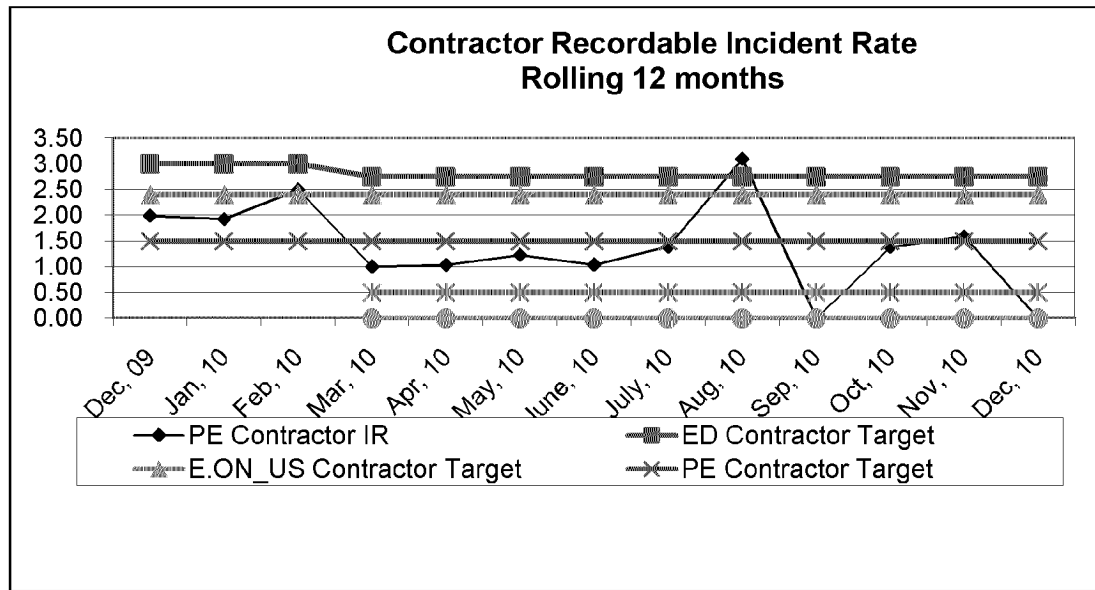
- **Other Generation Development**
 - LFG - NTR.
 - Biomass – BCAP rules promulgated. Working to complete forms for submittal.
 - CCS 100 MW Project –
 - EPRI questionnaire released to 13 technology suppliers; response date January 31st.
 - KGS ongoing. 1 set of geology data under contract. Negotiating licensing agreement for 2nd set of data.
 - KBR under contract. Site visit planned for week of January 17th.

- FutureGen –Surface Team completed evaluations on schedule.

• **General**

- Environmental Scenario Planning:
 - All stations (MC, Ghent and Brown) are under review.
 - Various meetings being held with Gen Planning, Rates & Regulatory to continue honing the plan and various compliance scenarios.
 - SCRs not in plan for Hg co-benefit. This will lead towards several (if not all but Ghent 2) SCRs not being needed, pending final allowance allocation by EPA.
- 2011 MTP ECR/CCN Filings – working closely with Rates on PSC submittals and presentations/updates. **A filing date has been preliminarily set with Rates for April 1 2011.**
- Continue to work with Legal and EA on Ghent SAM compliance.
- Continue to work with Legal on asbestos litigation regarding construction of TC1.

Metrics



PE finished 2010 with an IR of 1.49, just under the goal of 1.50.

Upcoming PWT Needs:

Project Engineering Investment Committee Schedule					INVESTMENT COMMITTEE SCHEDULE												
Project Manager	Description	Contract, Project	Amount	Month of I/C Meeting	SEP10	OCT10	NOV10	DEC10	JAN11	FEB11	MAR11	APR11	MAY11	JUN11	JUL11	Aug11	
					SSA	\$000s											
HeurCR	CCP - Landfill Phase I - Construction	C	15,000	Aug													
HeurGH	CCP - Landfill Phase I - Construction	C															
HeurGH	CCP - Gypsum Fines and Transport - Engineering	C	4,000	Oct	█	█											
HeurGH	CCP - Gypsum Fines and Transport - Equipment Construction	C															
HeurGH	CCP - Biannual Update	C															
ImbeBR	3 SAM Mitigation	C	8,000	Dec				█	█	█							
ImbeGH	1 - 4 SAM Mitigation	P	32,000	Dec				█	█	█							
ImbeMC	3 and MC4 SAM Mitigation -	P															
ImbeB	Biomass Coal Firing																
ImbeL	and Fill Gas Engineering																
Lively	CCGT 2015 - Cane Run	P	589,200	Apr								█	█				
Saunders	Limestone Mill EPC Contract	C	12,000	Dec				█	█	█							
Saunders	2 SCR Technology	P															
Saunders	2 SCR EPC	P															
Saunders	2 SCR Technology	P															
Saunders	2 SCR EPC	P															
Waterman	CCP - Landfill Phase I - Construction	C															
Waterman	CCP - Gypsum Fines and Transport - Engineering	C															
Waterman	CCP - Gypsum Fines and Transport - Equipment Construction	C															
Williamson	CCP - Landfill	P	66,000	Oct	█	█											
Williamson	CCP - Landfill Phase I - Construction	C															
Williamson	CCP - Ash Handling Dry Conversion	C															

Staffing

- Significant staffing increases in PE expected to manage the current slate of projects in PE’s 2011 MTP and to account for retirements. Headcount planning is in process now that the MTP has been approved by LG&E and KU Energy. The revised PE headcount plan is expected to be in final draft in January 2011.
- The new position to manage project approval documentation and schedules is expected to be posted within two weeks. The position description is under final review with HR.

From: Straight, Scott
To: Straight, Scott; Thompson, Paul; Voyles, John; Bowling, Ralph; Hudson, Rusty; Hincker, Loren; Sinclair, David; Schetzel, Doug; Yussman, Eric; Jackson, Fred
CC: Waterman, Bob; Imber, Philip; Lively, Noel; Saunders, Eileen; Gregory, Ronald; Heun, Jeff; Hance, Chuck; Clements, Joe; Cooper, David (Legal); Jones, Greg; Keeling, Chip; Hendricks, Claudia; Ray, Barry; O'Brien, Dorothy (Dot); Bellar, Lonnie; Blake, Kent; Sturgeon, Allyson; Conroy, Robert; Cornett, Greg
Sent: 2/7/2011 3:29:24 PM
Subject: Project Engineering's ES Bi-Weekly Report - January 28, 2011
Attachments: PE's Bi-Weekly Update of 1-28-11.docx

Scott Straight, P.E.
Director, Project Engineering
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Energy Services - Bi-Weekly Update
PROJECT ENGINEERING
January 28, 2011

- **KU SOx**
 - Safety – NTR
 - Schedule/Execution:
 - Ghent Elevators – in progress.
 - Brown FGD - BPEI is performing Optimization Testing in preparation for Performance Testing scheduled in March.
 - Brown Coal Pile Modification – in progress enable storage of a portion of the fuel for FGD Performance Testing.
 - Brown Elevators – nearing completion.

- **TC2**
 - Safety – NTR
 - Schedule/Execution:
 - Bechtel EPC – An Amendment No. 2 to the EPC Agreement was finalized Jan 21st with Bechtel which allowed care, custody, and control (CCC) of the unit to transfer to Owners at 00:00.00 EST on Jan 22nd while suspending delay LD's to Bechtel while Bechtel completes the burner and ammonia forwarding system work. The Amendment reserves our rights to LD's, warranty, performance, risk of loss, among other key business points, during this Interim Operation period.
 - Contract Disputes/Resolution:
 - Bechtel LD's – PE sent a letter to Bechtel demanding the remaining LDs through January 14th per the Amendment. The letter also recommended a meeting to begin discussions to close the outstanding LD payments.
 - Issues/Risk:
 - Design of the DBEL burners for our coal specification
 - Completion of the ammonia forwarding system.

- **Brown 3 SCR**
 - Safety – NTR
 - Permitting – NTR
 - Engineering – proceeding as planned to support the spring 2012 in-service.
 - Schedule/Execution – SCR ductwork deliveries nearly complete, well ahead of Zachry's needs.
 - Issues/Risk – NTR

- **Ohio Falls Rehabilitation**
 - Safety – NTR
 - Engineering
 - Voith Hydro proceeding with equipment orders and pre-mobilization issues for a restart of rehabilitation on Unit 5 in June, 2011.
 - Held pre-bid for underwater repairs to Unit 5 gate slots.
 - B&V continues engineering on gate modifications; RFQ expected to be out in early February.
 - Continued review and edit of Aquarius Marine's submittal of underwater inspection report for entire plant as required by FERC.

- PE committed to upgrade the station auxiliary system to 480VAC.
 - PE continues assembling SOW documents for Historic Maintenance Plan repairs to concrete building façade.
- **Mill Creek Limestone Project**
 - Safety - NTR
 - Schedule/Execution
 - East and Westbrook are scheduled to leave the site on Jan. 28th with the completion of the building extension.
 - Petrochem will mobilize to the site on January 27th to add insulation to the maintenance portion of the new building.
 - Detailed Engineering - Engineering kickoff with HDR held at Mill Creek on January 19th.
- **Cane Run CCP Project**
 - Permitting
 - All permitting proceeding well with the 401 Permit and Flood Plain permit being received in 2010.
 - Engineering
 - The review of constructing the smaller landfill versus modifying the existing landfill and trucking balance of CCR to Mill Creek is nearing completion. A follow-up review meeting planned for 2/14/11.
 - Finalization of construction drawings are on hold until the KYDWM permit review is completed and any necessary changes can be incorporated.
 - Working on finalizing design, currently 60% complete, of the smaller landfill to support the proposed 2016 Cane Run 7.
- **Trimble Co. Barge Loading/Holcim**
 - Finalized order with UCC to purchase pneumatic Fly Ash handling system.
 - The 404 permit has been issued by the USACE.
 - Received 401 Stream Crossing permit on 12/20/10.
 - Working to issue BOP engineering contract.
- **TC CCP Project – BAP/GSP**
 - Safety – NTR
 - Schedule/Execution:
 - Preparations are now being made to set the GSP Raft.
 - All fill and mechanically stabilized earth wall work on the BAP is completed except for a small section of the South Dike. Work continues on erection of the new Pipe Rack, electrical duct banks to GSP Electrical Building and to Ash Pond Raft.
 - Contract Disputes/Resolution
 - Minor issues to resolve with Riverside. Meetings w/Riverside continues on resolution of claims.
 - Issues/Risk
 - Weather remains the biggest risk.
- **TC CCP Project – Landfill**
 - Engineering
 - Detailed Engineering in progress with GAI.
 - Drill crews have completed the first set of the geotechnical exploration.

- A Pre-Bid Meeting was held on Jan. 24th on the Final Conceptual Engineering on the CCR Transport and Treatment.
 - Permitting:
 - The 401 Permit application was submitted to the Kentucky Division of Water on 12/20/10.
 - The 404 Permit application was submitted to the US Army Corps of Engineers on 12/21/10 with the public notice expected by mid-February.
 - A follow-up meeting was held with Environmental Affairs and Legal and Right of Way 20Jan11 concerning potential acquisition of small land parcels for right of ways and stream mitigation.
- **Ghent CCP Projects - Landfill**
 - Safety – NTR
 - Engineering:
 - Detailed Engineering of gypsum fines continues with B&V.
 - Issued tank foundation contract to E&W.
 - Working on issuing RFQ for Civil/Mechanical Construction.
 - Detailed Engineering of the CCR Transport System awarded to B&V. The first conceptual scope meeting is scheduled for 1/17/11 to finalize the conceptual scope of the transport and handling systems.
 - Drawings and Specifications for the Detailed Engineering for the Landfill have been submitted for review within.
 - Permitting:
 - **All permit applications have been submitted.**
 - Issues/Risk:
 - Land Acquisition – Negotiations nearing completion with Deaton family in regards to pricing and terms of sale. Work continues, however, on condemnation proceedings with the preparation of the drawings to delineate the actual “takings.” The McDole and Owens property is complete.
- **E.W. Brown Ash Pond Project**
 - Safety – NTR
 - Issues/Risk:
 - Continue to work with Summit on contract settlement payout/resolution.
 - Engineering – Detailed Engineering in progress by MACTEC.
 - Schedule/Execution:
 - All work in the field is currently related to the Aux. Pond Scope of Work.
 - Placement of Gypsum on hold for favorable weather conditions. Gypsum will be stockpiled instead of sluicing to Aux Pond.
 - Continue to provide BR Landfill design information to MACTEC.
 - PE and Mactec to meet with KYDWM on 1/27 (EA also to attend).
 - Currently developing RFQ for conceptual design engineering of Wet-to-Dry Ash Handling conversion as part of the BR Landfill project.
- **SO3 Mitigation (Mill Creek 3, Mill Creek 4, Brown 3, Ghent)**
 - Safety – NTR
 - Schedule/Execution – all projects essentially on hold until resolution of Ghent with EPA and Air Compliance planning with B&V study nears finalization in 1Q of 2011.
 - Further testing at Ghent scheduled for the week of January 31. Planning further testing at Brown in conjunction with FGD Performance Testing utilizing high sulfur coal in March.

• **Cane Run CCGT**

- Gas Pipe Line Routing – EMS gas pipeline Routing Report finalized. Gas Engineering has agreed to manage the conceptual design and estimate for the gas supply to CR7 and will evaluate synergies to other needs of Gas Department in the area of CR.
- Owner’s Engineer – IC paper slated for February to increase authorization to \$5.5m to cover continued development efforts including full release of OE.
- Set-back Survey of Neighbors at Cane Run – Refinements made to the general arrangement have satisfied setback requirements.
- Start Up Emissions – All heat balance options released to Generation Planning for modeling.
- NGCC Due Diligence Trip – Visited 2 Siemens and 2 GE combined cycle sites to lessons learned and operational intelligence on the major equipment.

• **Other Generation Development**

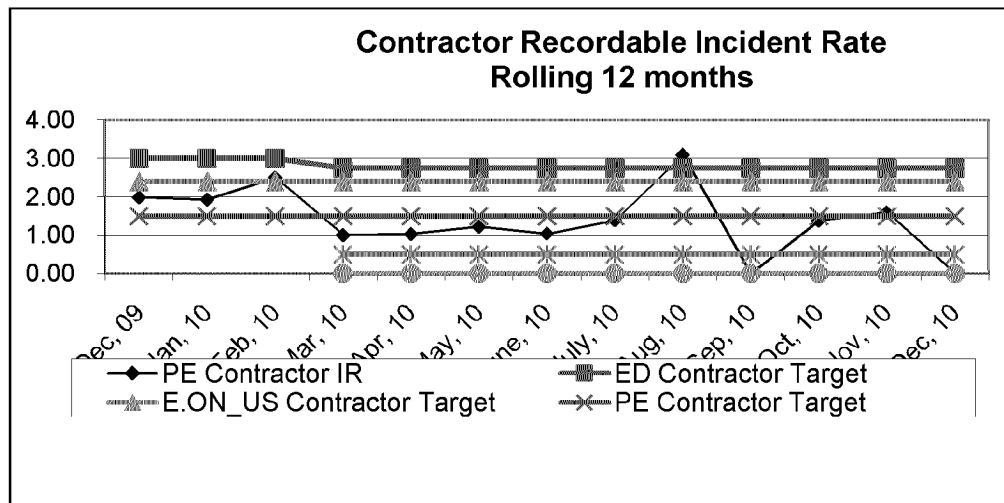
- Biomass – BCAP rules promulgated. Working to complete forms for submittal.
- CCS 100 MW Project –
 - Continued communication with technology suppliers as they work to complete the questionnaires by January 31st.
- FutureGen –Surface Team performed re-evaluation of sites. Reviewed the Alliance Agreement.

• **General**

- Environmental Scenario Planning:
 - All stations (MC, Ghent and Brown) are under review.
 - Various meetings being held with Gen Planning, Rates & Regulatory to continue honing the plan and various compliance scenarios.
 - SCRs not in plan for Hg co-benefit. This will lead towards several (if not all but Ghent 2) SCRs not being needed, pending final allowance allocation by EPA.
- 2011 MTP ECR/CCN Filings – working closely with Rates on PSC submittals and presentations/updates. **A filing date has been preliminarily set with Rates for April 1 2011.**
- Continue to work with Legal and EA on Ghent SAM compliance.
- Continue to work with Legal on asbestos litigation regarding construction of TC1.

Metrics

PE finished 2010 with an IR of 1.49, just under the goal of 1.50.



Upcoming PWT Needs:

Project Engineering Investment Committee Schedule				INVESTMENT COMMITTEE SCHEDULE												
Project Manager	Description	Contract, Project Amount SSA \$000s	Month of I/C Meeting	SEP1	OCT1	NOV1	DEC1	JAN1	FEB1	MAR1	APR1	MAY1	JUN1	JUL1	Aug1	
HeurCR	CCP - Landfill Phase I - Construction	C 15,000	Aug													
HeurGH	CCP - Landfill Phase I - Construction	C														
HeurGH	CCP - Gypsum Fines and Transport - Engineering	C 4,000	Oct	█	█	█										
HeurGH	CCP - Gypsum Fines and Transport - Equipment Construction	C														
HeurGH	CCP - Biannual Update	C														
ImbeBR	3 SAM Mitigation	C 8,000	Dec				█	█	█							
ImbeGH	1 - 4 SAM Mitigation	P 32,000	Dec				█	█	█							
ImbeMC	3 and MC4 SAM Mitigation - Construction	P														
ImbeBiomass	Coal Firing															
ImbeLand	and Fill Gas Engineering															
Lively	CCGT 2015 - Cane Run	P 589,200	Apr													
Saunders	Limestone Mill EPC Contract	C 12,000	Dec				█	█	█							
Saunders	2 SCR Technology	P														
Saunders	2 SCR EPC	P														
Saunders	2 SCR Technology	P														
Saunders	2 SCR EPC	P														
Waterman	CCP - Landfill Phase I - Construction	C														
Waterman	CCP - Gypsum Fines and Transport - Engineering	C														
Waterman	CCP - Gypsum Fines and Transport - Equipment Construction	C														
Williams	CCP - Landfill	P 86,000	Oct	█	█	█										
Williams	CCP - Landfill Phase I - Construction	C	Jun													
Williams	CCP - Ash Handling Dry Conversion	C	Jun													

Staffing

- Headcount planning is in process to evaluate staffing needs to manage the 2011MTP projects.

From: Straight, Scott
To: Straight, Scott; Thompson, Paul; Voyles, John; Bowling, Ralph; Hudson, Rusty; Hincker, Loren; Sinclair, David; Schetzel, Doug; Yussman, Eric; Jackson, Fred
CC: Waterman, Bob; Imber, Philip; Lively, Noel; Saunders, Eileen; Gregory, Ronald; Heun, Jeff; Hance, Chuck; Clements, Joe; Cooper, David (Legal); Jones, Greg; Keeling, Chip; Hendricks, Claudia; Ray, Barry; O'Brien, Dorothy (Dot); Bellar, Lonnie; Blake, Kent; Sturgeon, Allyson; Conroy, Robert; Cornett, Greg
Sent: 2/22/2011 9:12:00 AM
Subject: Project Engineering's ES Bi-Weekly Report - February 18, 2011
Attachments: PE's Bi-Weekly Update of 2-18-11.docx

<<...>>

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Energy Services - Bi-Weekly Update
PROJECT ENGINEERING
February 18, 2011

- **KU SO_x**

- Safety – NTR
- Schedule/Execution:
 - Ghent Elevators – in progress.
 - Brown FGD - BPEI has completed the Optimization Testing in preparation for Performance Testing scheduled in March and will issue the report once the lab data is received.
 - Brown Coal Pile Modification – is complete enough to enable storage of a portion of the fuel for FGD Performance Testing.
 - Brown Elevators – temporary elevator cars are functional and being used while awaiting delivery of the permanent elevator cars.

- **TC2**

- Safety – NTR
- Schedule/Execution:
 - Bechtel EPC – The unit continues to operate at the dispatched levels. Bechtel completed the AQCS Functional Tests (results are pending) and continued with combustion system tuning during this reporting period. The start of the Group 2 Fuel and Group 3 Fuel test burns were delayed from 02/17/11 until 02/21/11 to allow further optimization of the 2F mill. Bechtel continued work on the punchlist and has begun to integrate their April outage activities into the station's outage planning. The major outage activities are replacement of the AH baskets, installation of a baffle in the economizer to eliminate the vibration, completion of the furnace tube wall coating, and potentially some minor burner work.
- Contract Disputes/Resolution:
 - Bechtel LD's – PE sent a letter to Bechtel demanding the remaining LDs through 01/14/11 per the Amendment. The letter also recommended a meeting to begin discussions to close the outstanding LD payments.
 - Bechtel Labor Claim – PE sent a letter requesting Bechtel resubmit a change order for remaining labor claim that terminates at Mechanical Completion of July 2010 instead of through October 2010 when the MC Certificate was issued.
- Issues/Risk:
 - Design of the DBEL burners for our coal specification
 - Completion of the ammonia forwarding system.

- **Brown 3 SCR**

- Safety – NTR
- Permitting – NTR
- Engineering – proceeding as planned to support the spring 2012 in-service.
- Schedule/Execution – SCR ductwork deliveries nearly complete, well ahead of Zachry's needs.
- Issues/Risk – NTR

- **Ohio Falls Rehabilitation**

- Safety – NTR
- Engineering

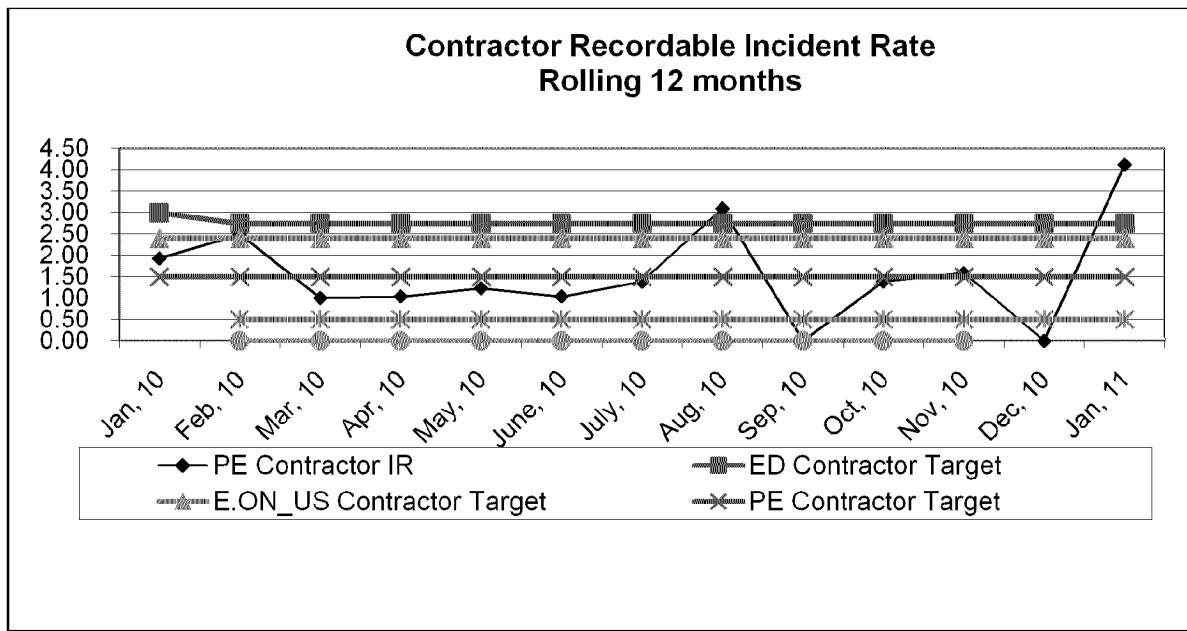
- Voith Hydro proceeding with equipment orders and pre-mobilization issues for a restart of rehabilitation on Unit 5 in June 2011.
 - Received bids, ready to make a recommendation for underwater repairs to Unit 5 gate slots, and two other units as options for 2011.
 - B&V continues engineering on gate modifications; drawings for modifications for head gates will be received this week with an RFQ expected to be out shortly afterwards.
 - Continued review and edit of Aquarius Marine's submittal of underwater inspection report for entire plant as required by FERC.
 - PE working on scope of work for upgrading the station auxiliary system to 480VAC.
 - PE continues assembling SOW documents for Historic Maintenance Plan repairs to concrete building façade and to plant exterior windows.
 - PE assisting plant on initial inquiry for new office building on site.
 - Supplied check to Transmission Group for interconnection fee.
- **Mill Creek Limestone Project**
 - Safety - NTR
 - Schedule/Execution
 - East and Westbrook demobilized from site. The Limestone Building extension is complete.
 - Detailed Engineering - HDR is working with PE and the plant to develop specifications in support of bidding the General Contracting portion of the project. HDR has proposed a visit to the site the week of 03/07/11 to review the draft specification documents. Also, a Metso representative met in the HDR offices to begin coordinating their efforts.
- **Cane Run CCP Project**
 - Permitting
 - All permitting proceeding well. 401 Permit and Flood Plain permits received in 2010.
 - Engineering
 - The review of constructing the smaller landfill versus modifying the existing landfill, trucking balance of CCR to Mill Creek, and MSE Wall is nearing completion.
 - Finalization of construction drawings are on hold until the KYDWM permit review is completed and any necessary changes can be incorporated.
 - Working on finalizing design, currently 75% complete, of the smaller landfill to support the proposed 2016 Cane Run 7.
- **Trimble Co. Barge Loading/Holcim**
 - Finalized order with UCC to purchase pneumatic Fly Ash handling system.
 - The 404 permit has been issued by the USACE and received the 401 Stream Crossing permit in December 2010.
 - Working to issue BOP engineering contract.
- **TC CCP Project – BAP/GSP**
 - Safety – NTR
 - Schedule/Execution:
 - Setting of the GSP Raft began the week of 02/14/11.
 - All fill and mechanically stabilized earth wall work on the BAP is completed except for a small section of the South Dike. Work continues on erection of the new Pipe Rack, electrical duct banks to GSP Electrical Building and to Ash Pond Raft.
 - Contract Disputes/Resolution
 - Minor issues to resolve with Riverside.

- Issues/Risk
 - Weather remains the biggest risk.
- **TC CCP Project – Landfill**
 - Engineering
 - Detailed Engineering in progress with GAI. The first Management Meeting was held with GAI at the site on 02/09/11.
 - Bids due 02/18/11 for Final Conceptual Engineering on the CCR Transport and Treatment.
 - Permitting:
 - The 401 Permit application was submitted to the Kentucky Division of Water on 12/20/10.
 - The 404 Permit application was submitted to the US Army Corps of Engineers on 12/21/10 with the public notice expected by mid-February.
 - A meeting was held on 02/08/11, with the Division of Waste Management (DWM) preliminary to completing the DWM permit, which is anticipated for April, 2011. The meeting went well with no unexpected responses from DWM. A Private Water Well and Spring Survey is being conducted by GAI Consultants for all residents within one-mile radius of the footprint of the landfill. This is required for the DWM permit.
 - A meeting was also held with Kentucky Transportation Cabinet (KTC) on Thursday, 02/10/11, to discuss the permit requirements to cross State Road 1838 with the new access bridge to the landfill.
- **Ghent CCP Projects - Landfill**
 - Safety – NTR
 - Engineering:
 - Detailed Engineering of gypsum fines nearing completion with B&V.
 - Tank foundations are under construction.
 - Working on issuing RFQ for Civil/Mechanical Construction.
 - The second conceptual scope meeting was held with senior management on 2/18/11 to finalize the conceptual scope of the transport and handling systems.
 - New Security Fence around the Landfill Area is out for bid.
 - Major equipment packages for the Transport will be issued in March and April.
 - Permitting:
 - **All permit applications have been submitted. Moving forward as expected.**
 - Issues/Risk:
 - Land Acquisition – Negotiations nearing completion with Deaton family in regards to pricing and terms of sale. The parties are close to a final settlement after resolution of terms and conditions of the sale. Work continues, however, on condemnation proceedings with the preparation of the drawings to delineate the actual “takings.”
- **E.W. Brown Ash Pond Project**
 - Safety – NTR
 - Issues/Risk:
 - Continue to work with Summit on contract settlement payout/resolution to avoid litigation.
 - Engineering – Detailed Engineering in progress by MACTEC.
 - Schedule/Execution:
 - All work in the field is currently related to the Aux. Pond Scope of Work.
 - Continued to place Type IIa-24 shot rock from the Starter Dike into the East embankment.
 - Bathymetric Survey to be conducted on 2/16/11 (delay due subcontractor availability). Mactec is prime contractor and results expected on 2/25/11.

- Placement of Gypsum on hold for favorable weather conditions. Gypsum will be stockpiled instead of sluicing to Aux Pond.
 - Continue to provide BR Landfill design information to MACTEC.
 - Currently developing RFQ for conceptual design engineering of Wet-to-Dry Ash Handling conversion as part of the BR Landfill project.
 - Continue to hold weekly engineering update meetings.
 - Met again with material handling vendors to discuss BR technology options.
 - Traveled to TVA sites on 2/16/11, 2/17/11 for review of its dewatering systems.
- **SO3 Mitigation (Mill Creek 3, Mill Creek 4, Brown 3, Ghent)**
 - Safety – NTR
 - Schedule/Execution –
 - Draft Scope of Work for milling systems being reviewed for release week of 02/21/11 to Nol-Tec, BCSI/Nalco, and UCC.
 - Milling AIP being increased to \$2M for each Ghent Unit with plans to attend the March Investment Committee. Getting bids and evaluations complete for the March Investment Committee may not be possible.
 - Permanent operation with mills at Ghent may be possible by November 2011. The bidding process will verify this assumption.
 - Two sets of tests performed at Ghent to assess paired sampling.
 - Bid, evaluated and preparing an award (Catalyst Air Management) to perform EW Brown SAM and FGD Performance Testing utilizing high sulfur coal in February and March.
- **Cane Run CCGT**
 - Gas Pipe Line Routing – EMS gas pipeline Routing Report finalized. Gas Engineering has agreed to manage the conceptual design and estimate for the gas supply to CR7 and will evaluate synergies to other needs of Gas Department in the area of CR.
 - Owner’s Engineer – IC paper slated for February to increase authorization to \$5.5m to cover continued development efforts including full release of OE.
 - Set-back Survey of Neighbors at Cane Run – Refinements made to the general arrangement have satisfied setback requirements.
 - Start Up Emissions – All heat balance options released to Generation Planning for modeling.
 - NGCC Due Diligence Trip – Visited 2 Siemens and 2 GE combined cycle sites to lessons learned and operational intelligence on the major equipment.
- **Other Generation Development**
 - Biomass – BCAP rules promulgated. Working to complete forms for submittal.
 - CCS 100 MW Project –
 - Continued communication with technology suppliers as they work to complete the questionnaires by 01/31/11.
 - FutureGen –Surface Team performed re-evaluation of sites. Reviewed the Alliance Agreement.
- **General**
 - Environmental Scenario Planning:
 - All stations (MC, Ghent and Brown) are under review.
 - Various meetings being held with Gen Planning, Rates & Regulatory to continue honing the plan and various compliance scenarios.
 - SCRs not in plan for Hg co-benefit. This will lead towards several (if not all but Ghent 2) SCRs not being needed, pending final allowance allocation by EPA.

- 2011 MTP ECR/CCN Filings – working closely with Rates on PSC submittals and presentations/updates. **A filing date has been preliminarily set with Rates for 04/01/11 with the likely date being May 1, 2011.**
- Continue to work with Legal and EA on Ghent SAM compliance.
- Continue to work with Legal on asbestos litigation regarding construction of TC1.

Metrics



Upcoming PWT Needs:

Project Manager	Description	Contract Project SSA	Amount \$000s	Month of IC Meeting	FEB11	MAR11	APR11	MAY11	JUN11	JUL11	Aug11	Sep11	Oct11	Nov11	Dec11	Jan12
Heun	CR CCR - Landfill Phase I - Construction	C	15000	Aug												
Heun	GH CCR - Landfill Phase I - Construction	C		Dec												
Heun	GH CCR - Fines Mechanical - Construction	C		Apr												
Heun	GH CCR - Gypsum Dewatering Belts	C		Apr												
Heun	GH CCR - Dry Fly Ash System	C		Apr												
Heun	GH CCR - Bottom Ash Scraper Conveyor	C		Apr												
Heun	GH CCR - Pipe Conveyor	C		Apr												
Heun	GH CCR - Transport EPC Contract	C		Aug												
Heun	CCR Storage Compliance	P		Pending												
Imcoer	BR 3 SAM Mitigation	C	6000	May												
Imcoer	GH 1-4 SAM Mitigation	P	6000	Mar												
Imcoer	MC 3 and MC4 SAM Mitigation - On Hold	P														
Lively	CCGT 2016 - Cane Run 7 Engineering/Development	P	5650	Feb												
Lively	CCGT 2016 - Cane Run 7	P	589200	Sep												
Saunders	MC Limestone Mill Construction Contract	C	12000	Jun												
Saunders	Environmental Air Compliance - BR 1 Fabric Filter	P	41,117	Pending												
Saunders	Environmental Air Compliance - BR 2 SCR	P	104,971	Pending												
Saunders	Environmental Air Compliance - GH 2 SCR	P	262,878	Pending												
Saunders	Environmental Air Compliance - MC 2 Fabric Filter	P	97,229	Pending												
Saunders	Environmental Air Compliance - MC 2 FGD Upgrade	P	47,659	Pending												
Saunders	Environmental Air Compliance - MC 2 Electrostatic Precip	P	37,650	Pending												
Saunders	Environmental Air Compliance - MC4 FGD	P	271,954	Pending												
Saunders	Environmental Air Compliance - MC4 SCR	P	5,656	Pending												
Saunders	Environmental Air Compliance - MC4 Fabric Filter	P	159,453	Pending												
Straight	CCR Project Status Update	P		Feb												
Waterman	TC CCR - Landfill Phase I - Construction	C														
Waterman	TC CCR - Transport and Treatment - Engineering	C		Jun												
Waterman	TC CCR - Transport and Treatment - Equipment/Construction	C		Aug												
Williams	BR CCR - Landfill Phase I - Construction	C		Jun												
Williams	BR CCR - Ash Handling Dry Conversion	C		Jun												

Staffing

- Headcount planning is in process to evaluate staffing needs to manage the 2011MTP projects.

From: Straight, Scott
To: Straight, Scott; Thompson, Paul; Voyles, John; Bowling, Ralph; Hudson, Rusty; Hincker, Loren; Sinclair, David; Schetzel, Doug; Yussman, Eric; Jackson, Fred
CC: Waterman, Bob; Imber, Philip; Lively, Noel; Saunders, Eileen; Gregory, Ronald; Heun, Jeff; Hance, Chuck; Clements, Joe; Cooper, David (Legal); Jones, Greg; Keeling, Chip; Hendricks, Claudia; Ray, Barry; O'Brien, Dorothy (Dot); Bellar, Lonnie; Blake, Kent; Sturgeon, Allyson; Conroy, Robert; Cornett, Greg
Sent: 3/7/2011 10:31:18 AM
Subject: Project Engineering's ES Bi-Weekly Report - March 4, 2011
Attachments: PE's Bi-Weekly Update of 3-4-11.docx

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Energy Services - Bi-Weekly Update
PROJECT ENGINEERING
March 4, 2011

- **KU SO_x**
 - Safety – Nothing To Report (NTR)
 - Schedule/Execution:
 - Ghent Elevators – still in progress.
 - Brown FGD - BPEI has completed the Optimization Testing. Third party FGD Performance Testing on high sulfur coal is scheduled for last two weeks of March.
 - Brown Coal Pile Modification – complete enough to enable storage of the high sulfur coal for FGD Performance Testing.
 - Brown Elevators – temporary elevator cars are functional and being used while awaiting delivery of the permanent elevator cars.

- **TC2**
 - Safety – NTR
 - Schedule/Execution:
 - Bechtel EPC – The Group 2 Fuel test burns were completed 03/02/11 and the unit taken out of service for the burner inspection. Indications are the burners have no significant damage from the Group 2 fuel burns. The Group 3 Fuel test burn is scheduled for week of 3/7/11. Bechtel continues work on the punchlist and April outage planning. The major outage activities are replacement of the AH baskets, installation of a baffle in the economizer to eliminate the vibration and completion of the furnace tube wall coating.
 - Contract Disputes/Resolution:
 - Bechtel LD's – Bechtel sent a letter reaffirming their LD position. Preparation with outside counsel in progress to prepare for a LD settlement meeting with Bechtel in March.
 - Bechtel Labor Claim – PE sent a letter requesting Bechtel resubmit a change order for remaining labor claim that terminates at Mechanical Completion of July 2010 instead of through October 2010 when the MC Certificate was issued.
 - Issues/Risk:
 - Design of the DBEL burners for our coal specification
 - Completion of the ammonia forwarding system.

- **Brown 3 SCR**
 - Safety – NTR
 - Permitting – Final E.W. Brown Title V Permit has been issued with the effective date of Tuesday, Feb. 15, 2011.
 - Engineering – proceeding as planned to support the spring 2012 in-service.
 - Schedule/Execution – SCR ductwork and equipment deliveries continue well ahead of Zachry's needs. Zachry in nearing completion of demolition work in the Aux. Boiler area and is preparing to begin piling installation.
 - Issues/Risk – NTR

- **Ohio Falls Rehabilitation**
 - Safety – NTR
 - Engineering
 - Voith Hydro proceeding with equipment orders and pre-mobilization issues for a restart of rehabilitation on Unit 5 in June 2011.
 - Ready to make award for underwater repairs to Unit 5 gate slots, and two other units as options for 2011.
 - B&V continues engineering on gate modifications.
 - Continued review and edit of Aquarius Marine’s submittal of underwater inspection report for entire plant as required by FERC.
 - PE working on scope of work for upgrading the station auxiliary system to 480VAC.
 - PE continues assembling SOW documents for Historic Maintenance Plan repairs to concrete building façade and to plant exterior windows.
 - PE assisting plant on initial inquiry for new office building on site.

- **Mill Creek Limestone Project**
 - Safety - NTR
 - Schedule/Execution
 - Detailed Engineering - HDR is working with PE and the plant to develop specifications in support of bidding the General Contracting portion of the project.

- **Cane Run CCP Project**
 - Permitting
 - All permitting proceeding well. 401 and Flood Plain permits received in 2010.
 - Working on NOD #2 response which includes a door to door well survey of residents within 1-mile of the facility
 - Engineering
 - The review of constructing the smaller landfill versus modifying the existing landfill, trucking balance of CCR to Mill Creek, and MSE Wall is nearing completion.
 - Finalization of construction drawings are on hold until the KYDWM permit review is completed and any necessary changes can be incorporated.
 - Working to complete the design of the smaller landfill footprint by the end of March.

- **Trimble Co. Barge Loading/Holcim**
 - Finalized order with UCC to purchase pneumatic Fly Ash handling system.
 - The 404 permit has been issued by the USACE and received the 401 Stream Crossing permit in December 2010.
 - Working to issue BOP engineering contract.

- **TC CCP Project – BAP/GSP**
 - Safety – NTR
 - Schedule/Execution:
 - Setting of the GSP Raft began the week of 02/14/11.

- All fill and mechanically stabilized earth wall work on the BAP is completed except for a small section of the South Dike. Work continues on erection of the new Pipe Rack, electrical duct banks to GSP Electrical Building and to Ash Pond Raft.
- Contract Disputes/Resolution
 - Minor issues to resolve with Riverside.
- Issues/Risk
 - Weather remains the biggest risk to timing of completion and cost.

TC CCP Project – Landfill

- Engineering
 - Detailed Engineering in progress with GAI.
- Permitting:
 - The 401 Permit application was submitted to KYDOW in Dec. 2010.
 - The 404 Permit application was submitted to the US Army Corps of Engineers in Dec 2010.
 - Development of the documents for the Division of Waste Management (DWM) Permit application continues. The application should occur in April, 2011. A Private Water Well and Spring Survey continues by GAI Consultants for all residents within one-mile radius of the footprint of the landfill. This is required for the DWM permit.
 - GAI is completing the documents for the KTC Permit Application for the bridge crossing at State Road 1838. The permit application will be made during the week of 3/7/11.

• Ghent CCP Projects - Landfill

- Safety – NTR
- Engineering:
 - Detailed Engineering of gypsum fines nearing completion with B&V.
 - Tank foundations are under construction.
 - Issued RFQ for Civil/Mechanical Construction.
 - Bid for the new Security Fence around the Landfill Area have been received.
 - Major equipment packages for the Transport will be issued in March and April.
- Permitting:
 - All permit applications have been submitted. Moving forward as expected.
- Issues/Risk:
 - Land Acquisition – Negotiations nearing completion with Deaton family in regards to pricing and terms of sale. The parties are close to a final settlement after resolution of terms and conditions of the sale. Work continues, however, on condemnation proceedings with the preparation of the drawings to delineate the actual “takings.”

• E.W. Brown Ash Pond Project

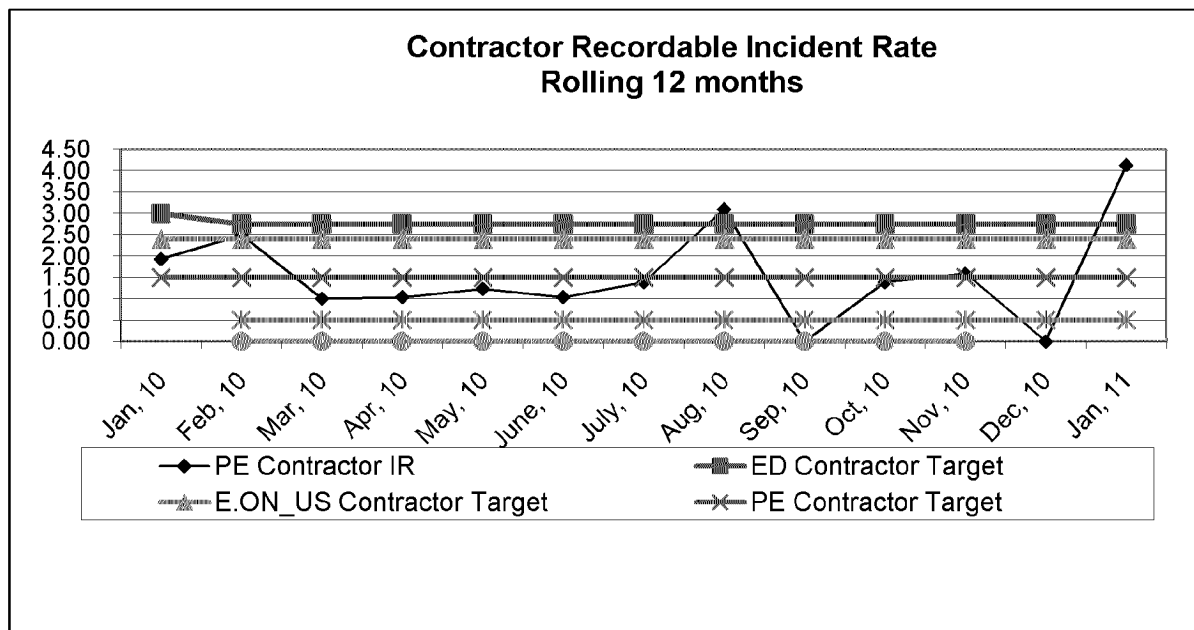
- Safety – NTR
- Continue to work with Summit on contract settlement payout/resolution to avoid litigation.
- Engineering – Detailed Engineering in progress by MACTEC.
- Schedule/Execution:

- All work in the field is currently related to the Aux. Pond Scope of Work.
 - Continued to place Type IIa-24 shot rock from the Starter Dike into the East embankment.
 - Bathymetric Survey conducted and preliminary results indicate construction schedule is attainable. Mactec is prime contractor and results expected on 2/25/11.
 - Gypsum was placed in the South embankment.
 - Continue to provide BR Landfill design information to MACTEC.
 - Currently developing RFQ for conceptual design engineering of Wet-to-Dry Ash Handling conversion as part of the BR Landfill project.
 - Continue to hold weekly engineering update meetings.
 - Met with KYDWM, Mactec, and Environmental Affairs to discuss Landfill Permitting.
- Issues/Risk:
- **SO3 Mitigation (Mill Creek 3, Mill Creek 4, Brown 3, Ghent)**
 - Safety – NTR
 - Schedule/Execution:–
 - RFP form Ghent Milling systems due 3/11/11. Nol-Tec, BCSI/Nalco, and UCC all bidding; all have visited the site.
 - Draft Milling AIP prepared for initial meeting with SVP Energy Services on 3/7/11. AIP being increased to \$2M for each Ghent Unit with plans to attend the March or April Investment Committee. Getting bids and evaluations complete for the March Investment Committee may not be possible.
 - Permanent operation with mills at Ghent may be possible by November 2011. The bidding process will verify this assumption.
 - EW Brown SAM and FGD Performance Testing utilizing high sulfur coal in progress.
 - Considering the purchase of a new SAM CEMS at Ghent.
- **Cane Run CCGT**
 - Budget – AIP in routing for approval of 2011 spends (\$3M) and future Owner’s Engineering Spend (\$1.9M).
 - Gas Pipe Line Routing – RFP for further NG Pipeline Engineering released to EMS, EN Engineering, and PAI. Bids are due 3/16/11. Pre-bid meeting was held. Also assessing the new line for feed to Paddy’s Run and for Gas Distribution system upgrades in the area.
 - Owner’s Engineer – Contract Award Document in routing for full release of OESet-back Survey of Neighbors at Cane Run – NTR.
 - Start Up Emissions – Updated Netting Analysis and documents submitted to Trinity.
- **Other Generation Development**
 - Biomass – Discussed filing for the BCAP program with Fuels – final determination not made.
 - CCS 100 MW Project –
 - Received Technology Supplier questionnaires. Shortlisted and met five for interviews. 3H is the leading candidate for further development.
 - FutureGen –NTR

- **General**

- Environmental Scenario Planning:
 - All stations (MC, Ghent and Brown) are under review.
 - Various meetings being held with Gen Planning, Rates & Regulatory to continue honing the plan and various compliance scenarios.
 - Black and Veatch representatives are on site at Mill Creek conducting a review of the condition of the structural steel supporting the Units 1, 2 and 4 FGDs.
 - Received reports from Hitachi and Babcock Power regarding their proposal for performance improvements of the Mill Creek FGDs. A review is in progress.
 - Babcock Power has been engaged to upgrade the MC Unit 4 SCR.
 - SCRs not in plan for Hg co-benefit. This will lead towards several (if not all but Ghent 2) SCRs not being needed, pending final allowance allocation by EPA.
- 2011 MTP ECR/CCN Filings – working closely with Rates on PSC submittals and presentations/updates. **The filing date has been unofficially postponed with Rates for 06/01/11.**
- Continue to work with Legal and EA on Ghent SAM compliance.
- Continue to work with Legal on asbestos litigation regarding construction of TC1.

Metrics



Upcoming PWT Approval Needs:

Project Manager	Description	Contract, Project, SSA	Amount \$000s	Month of IC Meeting	FEB11	MAR11	APR11	MAY11	JUN11	JUL11	Aug11	Sep11	Oct11	Nov11	Dec11
Heun	CR CCR - Landfill Phase I - Construction	C	15,000	Aug											
Heun	GH CCR - Landfill Phase I - Construction	C		Dec											
Heun	GH CCR - Fines Mechanical - Construction	C		Apr											
Heun	GH CCR - Gypsum Dewatering Belts	C		Apr											
Heun	GH CCR - Dry Fly Ash System	C		Apr											
Heun	GH CCR - Bottom Ash Scraper Conveyor	C		Apr											
Heun	GH CCR - Pipe Conveyor	C		Apr											
Heun	GH CCR - Transport EPC Contract	C		Aug											
Heun	CCR Storage Compliance	P		Pending											
Imber	BR 3 SAM Mitigation	C	8,000	May											
Imber	GH 1 - 4 SAM Mitigation	P	8,000	Mar											
Imber	MC 3 and MC4 SAM Mitigation - On Hold	P													
Lively	CCGT 2016 - Cane Run 7 Engineering/Development	P	5,650	Feb											
Lively	CCGT 2016 - Cane Run 7	P	589,200	Sep											
Saunders	MC Limestone Mill Construction Contract	C	12,000	Jun											
Saunders	Environmental Air Compliance - BR 1 Fabric Filter	P	41,117	Pending											
Saunders	Environmental Air Compliance - BR 2 SCR	P	104,971	Pending											
Saunders	Environmental Air Compliance - GH 2 SCR	P	262,878	Pending											
Saunders	Environmental Air Compliance - MC 2 Fabric Filter	P	97,229	Pending											
Saunders	Environmental Air Compliance - MC 2 FGD Upgrade	P	47,658	Pending											
Saunders	Environmental Air Compliance - MC 2 Electrostatic Precip	P	37,680	Pending											
Saunders	Environmental Air Compliance - MC4 FGD	P	271,994	Pending											
Saunders	Environmental Air Compliance - MC4 SCR	P	5,696	Pending											
Saunders	Environmental Air Compliance - MC4 Fabric Filter	P	159,453	Pending											
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Williams	BR CCR - Ash Handling Dry Conversion	C		Jun											

- Staffing**

- o Headcount planning is in process to evaluate staffing needs to manage the 2011MTP projects.
- o Jason Finn has accepted a Telecom position with the Network Infrastructure department. A posting went up this week to begin the backfill process for an electrical engineer.
- o PE Re-Organization being implemented the week of 3/7/11 with the re-assignment of all projects under Managers of Capital Projects. All changes in reporting assignments to be made in Peoplesoft by mid-March.