

Daniel F. Franczak
Engineering Project Manager
(312) 269-6911
(312) 269-9623 (Fax)
daniel.f.franczak@sargentlundy.com

September 30, 2010
Project No. 12721-000
BS-SNL-AEP-0040

Kentucky Power Company &
American Electric Power Service Corporation
Big Sandy EPC Cost Estimate Project
Contract No: Contract Release 7921490071X117
Specification No: N/A
Subject: Order-of-Magnitude FGD Cost Estimate Final Report

Mr. Jim Zucal
Project Manager
American Electric Power
1 Riverside Plaza
Columbus, Oh 43215

Dear Mr. Zucal:

Enclosed for your use are 5 sets of manuals for the Order-of-Magnitude FGD Cost Estimate Final Report, dated September 29, 2010.

The Order-of-Magnitude FGD Cost Estimate Report is comprised of five (5) volumes as follows:

<u>Volume</u>	<u>Description</u>
1	Summary Report
2	WFGD Technology
3	DFGD Technology
4	IAQCS Technology
5	NID Technology

Order-of-Magnitude FGD Cost Estimates were prepared for the following four FGD Technologies:

- **Wet (WFGD):** Wet FGD Spray Tower and Integrated Wet ESP
- **Dry (DFGD):** Dry FGD Spray Dryer Absorber (SDA) and Fabric Filter (FF)
- **IAQCS:** Integrated Air Quality Control System (IAQCS) Dry SDA/FF and Wet FGD Spray Tower
- **NID:** Dry FGD NID and Fabric Filter

Mr. Jim Zucal
American Electric Power Service Corporation

BS-SNL-AEP-0040
September 30, 2010
Page 2 of 2

In addition to the manuals we will be forwarding the complete report in electronic version (Adobe .pdf).

If you have any questions on the final report, please advise.

Sincerely,



D. F. Franczak
Project Manager

DFF:em

Copies:

AEP

*J. E. Zucal
L. P. Aguirre
M. L. Bright
G. M. Gibbs
AEP Common Mailbox

JLSP (S&L)

S. R. Bertheau
D. P. Anderson
D. A. Bahr
E. A. Cohen
J. F. Hughes
D. Migler
K. Nomanbhoy
W. Staehlin
C. L. Woods
S. R. Wylie
S & L Common Mailbox
File

* 5 sets of manuals sent via overnight delivery