

August 19, 2005

HAND DELIVERED

Ms. Elizabeth O'Donnell
Executive Director
Public Service Commission
211 Sower Boulevard
Frankfort, KY 40602

RECEIVED

Re: PSC Case No. 2005-00241

AUG 19 2005

PUBLIC SERVICE
COMMISSION

Dear Ms. O'Donnell:

Please find enclosed for filing with the Commission in the above-referenced case an original and five copies of the responses of East Kentucky Power Cooperative, Inc., to the Commission Staff's information requests in this case dated August 10, 2005.

Very truly yours,



Charles A. Lile
Senior Corporate Counsel

Enclosures

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

AUG 19 2005

In the Matter of:

PUBLIC SERVICE
COMMISSION

AN EXAMINATION OF THE APPLICATION OF)
THE FUEL ADJUSTMENT CLAUSE OF EAST)
KENTUCKY POWER COOPERATIVE, INC. FROM) CASE NO. 2005-00241
NOVEMBER 1, 2004 TO APRIL 30, 2005)

COMMISSION STAFF'S INTERROGATORIES AND
REQUESTS FOR PRODUCTION OF DOCUMENTS TO
EAST KENTUCKY POWER COOPERATIVE, INC.

Pursuant to Administrative Regulation 807 KAR 5:001, Commission Staff requests that East Kentucky Power Cooperative, Inc. ("East Kentucky") file the original and 5 copies of the following information with the Commission within 10 days of the date of this request, with a copy to all parties of record. Each copy of the information requested shall be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. Careful attention shall be given to copied material to ensure its legibility. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request.

1. Refer to East Kentucky's Response to the Commission's Order of July 7, 2005, Item 5. During April 2005, Cooper Unit One experienced over 233 hours of forced outages due to boiler tube leaks at Cooper Unit One.

a. Explain whether the failures occurred in a common location or whether the failures occurred over a wide-spread area.

b. State whether East Kentucky believes the boiler tube repairs performed sufficiently addressed the problem. Explain. State whether additional boiler tube repairs have been performed on Cooper Unit One since April 30, 2005, and describe the nature of these repairs.

2. Refer to East Kentucky's Response to the Commission's Order of July 7, 2005, Item 6. East Kentucky has received only 22 percent of the annual requirements due under its contract with Oxford Mining Company through June 5, 2005. Explain whether East Kentucky is aware of any production or delivery problems for coal purchased from Oxford Mining Company.

3. Refer to Item 13 of the response to the Commission's July 7, 2005 Order, which indicates that East Kentucky sent an updated fuel procurement policy and procedures manual to the Commission in June 2005. Provide 3 copies of these updated policies and procedures for the record of this case.



Beth O'Donnell
Executive Director
Public Service Commission
P. O. Box 615
Frankfort, KY 40602

DATED: August 10, 2005

cc: Parties of Record

EAST KENTUCKY POWER COOPERATIVE, INC.
INDEX OF MATERIAL PROVIDED IN RESPONSE
TO COMMISSION STAFF'S INTERROGATORIES
AND REQUESTS FOR PRODUCTION OF DOCUMENTS
IN CONNECTION TO PSC ORDER DATED AUGUST 10, 2005

CASE NO. 2005-00241

ITEM NO.	<u>ITEM DESCRIPTION</u>	<u>WITNESS</u>
1.	Explanation of Cooper Outages	Jerry Bordes
2.	Explanation of Production or Delivery Problems	Jerry Bordes
3.	Copies of Fuel Procurement Manual	Jerry Bordes

EAST KENTUCKY POWER COOPERATIVE, INC.

PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2005-00241

RESPONSE TO PSC ORDER DATED AUGUST 10, 2005

- Question 1** Refer to East Kentucky's Response to the Commission's Order of July 7, 2005, Item 5. During April 2005, Cooper Unit One experienced over 233 hours of forced outages due to boiler tube leaks at Cooper Unit One.
- a. Explain whether the failures occurred in a common location or whether the failure occurred over a wide-spread area.
 - b. State whether East Kentucky believes the boiler tube repairs performed sufficiently addressed the problem. Explain. State whether additional boiler tube repairs have been performed on Cooper Unit No. 1 since April 30, 2005, and describe the nature of these repairs.

Answer 1 a. Secondary superheater tube failures occurred on April 10, 2005, April 16, 2005, and April 20, 2005. Tube 34 from the west wall in the screen wall section ruptured on April 16, 2005, and again on April 20, 2005. Tube 35 from the west wall in the screen wall section ruptured on April 16, 2005. The primary ruptures occurred in a common location with collateral tube damage occurring in other areas of the boiler.

Answer 1 b. East Kentucky Power Cooper Station staff believes the tube repairs have sufficiently addressed the problem. The initial tube failures in the secondary superheater failed as a result of steam erosion from a crack in a reheater tube located south of tube #34 of the secondary superheater. The orientation of the crack in the reheater tube allowed steam to erode the secondary superheater tubes #34 and #35 to the point of failure. The crack in the reheater tube was not detected by visual inspection nor could it be identified during a standard hydro test making the root cause identification of the secondary superheater tube failures protracted. The failed reheater tube was replaced on April 22, 2005, and all adjacent leading edge reheater tube wall thicknesses were checked and found to be above minimal wall thickness limits. No other tube repairs have been performed since April 30, 2005.



EAST KENTUCKY POWER COOPERATIVE, INC.

PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2005-00241

RESPONSE TO PSC ORDER DATED AUGUST 10, 2005

Question 2

Refer to East Kentucky's Response to the Commission's Order of July 7, 2005, Item 6. East Kentucky has received only 22 percent of the annual requirements due under its contract with Oxford Mining Company through June 5, 2005. Explain whether East Kentucky is aware of any production or delivery problems for coal purchased from Oxford Mining Company.

Answer 2

Oxford Mining Company ("Oxford") has had no production problems known to East Kentucky. Oxford had a purchase order with East Kentucky that began in October 2004 and ran through April 30, 2005, for 150,000 tons of coal at a rate of 25,000 tons of coal per month. Due to the installation of new coal handling equipment for the Gilbert Unit No. 3 at Spurlock Power Station in the fall of 2004, tonnage from the Oxford's purchase order was moved into 2005. Committed tonnage by Oxford on the contract was then, in turn, delayed by East Kentucky in order to control inventory levels.

Oxford has now completed the purchase order, is currently meeting scheduled contract tons, and is making up the deficient contract tons at East Kentucky's request.

EAST KENTUCKY POWER COOPERATIVE, INC.

PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2005-00241

RESPONSE TO PSC ORDER DATED AUGUST 10, 2005

Question 3

Refer to Item 13 of the response to the Commission's July 7, 2005, Order, which indicates that East Kentucky sent an updated fuel procurement policy and procedures manual to the Commission in June 2005. Provide 3 copies of these updated policies and procedures for the record of this case.

Answer 3

Attached are three copies of the updated policies and procedures for the record of this case.