



February 13, 2008

HAND DELIVERED

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

**RECEIVED**

FEB 13 2008

**PUBLIC SERVICE  
COMMISSION**

Re: PSC Case No. 2007-00168

Dear Ms. O'Donnell:

Please find enclosed for filing with the Commission in the above-referenced case an original and ten copies of the East Kentucky Power Cooperative, Inc., February progress report on the construction of the Cooper Station Unit 2 cooling tower, as directed by the Commission's order in this case dated November 21, 2007

Very truly yours,

A handwritten signature in cursive script that reads 'Charles A. Lile'.

Charles A. Lile  
Corporate Counsel

Enclosures

Cc: Parties of Record



## J.S. Cooper Station Low Water Mitigation Project

February 11th, 2008

### Cooling Tower Progress Report

Adams Cooling Tower Construction has completed the tower framework up to the fan deck level and the first layer of media is installed. The distribution headers, lateral piping and twenty minute firewalls are in place. Work continues on tightening bolts at the wooden member connection points and the installation of diagonal bracing to the concrete foundation. Reynolds Inc. has relocated the 18 inch wastewater discharge and 16 inch drain pipe that were in the valve vault area and will move the 10, 6 and 2 inch lines this week. Excavation continues on the trench between the plant and the tower. The chain link fence, supports and foundations for the abandoned ash piping and trees have been removed. Goettle Inc. has completed the installation of the shoring pile support pipe and is in the process of attaching the shoring walls in the circulating water pipe tie in area and the valve vault. Excavation for the service building foundation has begun and Stantec Engineering is on site to check foundation compaction and provide support for the repair of the coal pile runoff pond liner. A total of 146 out of 184 sections required of prestressed concrete pipe have been received. The metal service building is on site and is stored in the lay down area. Baker Concrete will begin work on the valve vault and service building foundation the week of February 25<sup>th</sup>. Hall Contracting is installing necessary valves and piping to tie the cooling tower fire protection piping to the existing plant fire protection system.



- ❖ The cooling tower project is approximately 35% complete.
- ❖ Number of work days to completion: 59
- ❖ There are no construction delays at this time. There have been rain delays but Reynolds and Goettle have working through them and on Fridays to stay on schedule. Adams Cooling Tower Construction has been working on weekends to maintain their schedule.
- ❖ Project completion date: May 1<sup>st</sup> 2008.
- ❖ Electrical work on the barge continues and will be completed this month.
- ❖ The electrical contract for the tower and the service building has been awarded to Powertel.

## Lake Cumberland Level 685.08

Recent low water mark was 678.61 on 10.22.07