

421 West Main Street
Post Office Box 634
Frankfort, KY 40602-0634
[502] 223-3477
[502] 223-4124 Fax
www.stites.com

October 21, 2010

HAND DELIVERED

Jeff R. Derouen
Executive Director
Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602-0615

RECEIVED

OCT 21 2010
PUBLIC SERVICE
COMMISSION

Mark R. Overstreet
(502) 209-1219
(502) 223-4387 FAX
moverstreet@stites.com

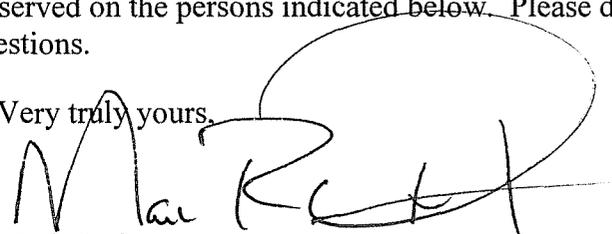
RE: P.S.C. Case No. 2010-00264

Dear Mr. Derouen:

Enclosed please find and accept for filing the original and ten copies of Kentucky Power Company's Response to the October 12, 2010 Hearing Data Request in this proceeding.

A copy of the Response also is being served on the persons indicated below. Please do not hesitate to contact me if you have any questions.

Very truly yours,


Mark R. Overstreet

MRO

cc: Dennis G. Howard, II
Michael L. Kurtz

COMMONWEALTH OF KENTUCKY
BEFORE THE
PUBLIC SERVICE COMMISSION OF KENTUCKY

RECEIVED

OCT 21 2010

PUBLIC SERVICE
COMMISSION

IN THE MATTER OF

AN EXAMINATION OF THE APPLICATION)
OF THE FUEL ADJUSTMENT CLAUSE OF)
KENTUCKY POWER COMPANY) CASE NO. 2010-00264
FROM NOVEMBER 1, 2009 THRU APRIL 30, 2010)

KENTUCKY POWER COMPANY RESPONSES TO COMMISSION STAFF'S
OCTOBER 12, 2010 HEARING DATA REQUESTS

October 21, 2010

KENTUCKY POWER COMPANY

REQUEST

What are Kentucky Power Company's current plans to comply with the settlement agreement in the New Source Review (NSR) with regard to the Big Sandy Plant?

RESPONSE

Kentucky Power Company is reviewing all alternatives (including installing scrubbers at the Big Sandy Plant) to determine reasonable and cost-effective means for complying with the NSR settlement and other emerging environmental requirements, including EPA's proposed Transport Rule, the proposed Coal Combustion Residuals rule, revised effluent limitations guidelines and new requirements for cooling water intakes. Kentucky Power has not completed its analysis, but will be in compliance with the requirements of the NSR settlement agreement by the December 31, 2015 deadline.

WITNESS: Ranie K Wohnhas