

Power Holdings of Illinois, LLC

PMB 145
2112 W. Galena Blvd.
Aurora, IL 60506

PLEASE REPLY TO:
505 Hamilton Wood
Homewood, IL 60430

RE: Power Holdings of Illinois – Southern Illinois Coal to SNG Facility
Air Construction Permit Application
Full Supplemental Information - Errata Submittal
December 31, 2008

Dr. Robert Smet
Permit Section – Bureau of AIR
Environmental Protection Agency
1021 North Grand Avenue East
Springfield, IL 62794-9606

Dear Dr. Smet:

Enclosed for your use and information are “Electronic Disks” and one (1) paper copy of the following Supplemental Information and Errata with respect to our October 17, 2007 Prevention of Significant Air Quality Deterioration (PSD) Construction Permit Application for (our) Power Holdings Southern Illinois Coal to Synthetic Natural Gas (SNG) Facility.

Supplemental Information

- I. PwrHlds Status CO2ControlOptions31Dec2008
- II. HEARING FEE Letter-FORM 22Dec2008
- III. PowerHoldings CoalHandl FORMS 12-19Nov2008
- IV. NO_ESA Impact Info-to-IEPA 18Nov2008
- V. FlareEmissionsEvaluation 12Nov2008
- VI. FlareEmissionsEvaluation 05Nov2008
- VII. Roadway_PM 10Oct2008
- VIII. PowerHoldingsCoalHandlingFlowDiagram092608
- IX. Post-Rectisol-malfunction03Sept2008
- X. Part_Load_Operation 07Aug2008
- XI. WhyIllinoisCoal 22Aug2008
- XII. Off-Normal_Operation 22-28Aug2008
- XIII. PM 2-5 Rule Impact 30August2008
- XIV. K Gupta USEPA NOEL Request 15May2008
- XV. IHPA PowerHoldings_OK 17April2008
- XVI. Historical Preservation Request 08April2008
- XVII. Threatened Endangered Species Request 08April2008
- XVIII. R Rineheart USEPA NOEL Request 28March2008
- XIX. NO Calpuff to Smet 28March2008
- XX. NGPLQualityStd 1993-2001-from GenlTermsConds
- XXI. IEPAProjectSummaryv4 18Jan2008_DRAFT-Update05Feb08

RE: Power Holdings of Illinois – Southern Illinois Coal to SNG Facility
Air Construction Permit Application
Full Supplemental Information - Errata Submittal
December 31, 2008
Page 2 of 3

Supplemental Information, continued

- XXII. Power Holdings_FLM presentation_05feb08
- XXIII. CALPUFF Protocol Transmittal to-FLM18Jan2008
- XXIV. PH_ClassI_ModelingProtocol_18Jan2008
- XXV. 18Oct2007_PresentationTransmittal01Nov2007
- XXVI. PwrHlds_IEPA_18Oct07Presen_10-17-2007FINAL

Errata

- XXVII. PH ERATTA-Suppliments_FULLL-Final_17Dec2008

These twenty-four (24) pages are primarily updates-revisions-additions to the Best Available Control Technology (BACT) Application Sections, although other updated-corrected Sections are also included and address the following topics:

- A. Aux Boiler NOx
- B. Superheater NOx
- C. Wet Sulfuric Acid (WSA) – Acid Plant NOx
- D. WSA NOx¹
- E. WSA NOx
- F. Aux Boiler and Super Heater NOx
- G. Super Heater SOx
- H. CO BACT
- I. WSA CO
- J. WSA CO
- K. CO BACT for Syngas Clean Up Facility
- L. Coal Delivery BACT
- M. WSA SOx
- N. WSA SOx
- O. Cooling Towers and Flares
- P. Cooling Tower PM
- Q. NOx from Syngas / Acid Gas Removal
- R. NOx from Syngas / Acid Gas Removal
- S. Sulfur Removal and CO₂ Separation
- T. CO₂ Management
- U. Acid Gas Removal
- V. CO₂ Management
- W. Non-Applicable CAA Section
- X. Schedule

¹ Where apparently duplicate TITLES of Sections are listed here; the write-up identifies different aspects of the same general subject. NOTE: this is typical for all.

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Page 3 of 3

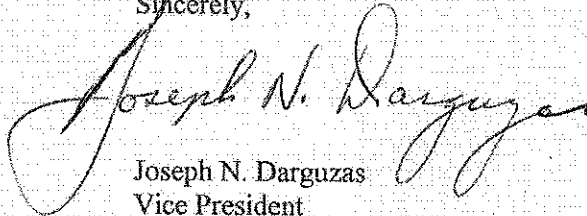
Errata, continued

- XXVIII. FORM204-CAAPP_Malfunction_Operation_20Nov2008
- XXIX. FORM204-CAAPP2nd_MethanationHeaters_21Nov2008
- XXX. AERMOD²_Suppl_CoalHandling_Transmittal19Nov2008
- XXXI. PowerHoldings_CoalHandl_FORMS_12-19Nov2008
- XXXII. PwrHldssEmissionsSummary_ApplPages_8-1_8-2_10-21-08
- XXXIII. Table3_FacilityWide_AnnualEmissions_17Oct2007_Updated21Oct2008
- XXXIV. ApplicationPage17-13_Exhibit391-1b_20Oct2008
- XXXV. ApplicationPage18-3_Exhibit215_20Oct2008
- XXXVI. CoolgTwrPMEmissions_AnnualMax_18AUG2008_Exhibit 220-5A
- XXXVII. CoolgTwrPMEmissions_Daily-Max_18Aug2008_Exhibit 220-5B
- XXXVIII. IHPA_PowerHoldings_OK_17April2008
- XXXIX. ErrataPowerHoldingsAirPermitApplicationRev1_29Jan2008
- XL. Table3_FacilityWide_AnnualEmissions_17Oct2007_Updated18Jan2008
- XLI. ErrataPowerHoldingsAirPermitApplication_26Dec_2007

Also enclosed for your ready reference is an electronic copy of the aforementioned original October 17, 2007 Air Permit Application.

Please let us know if you have any comments or questions or suggestions or require anything else from us at this time?

Sincerely,



Joseph N. Darguzas
Vice President

- CC: Brad Frost – IEPA (1/disk)
Chris Romaine – IEPA (1/0)
Donald Sutton – CRA (1/0)
Robert Gilpin – PHI (1/0)
S. Shaw – PHI (1/0)

² NOTE: The actual Coal Handling AERMOD Report referenced is included but as a separate electronic file.

GENERAL TERMS AND CONDITIONS

26. QUALITY

26.1 SPECIFICATIONS

Unless otherwise stated in an Agreement, natural gas delivered by or on behalf of Shipper to Natural at any Receipt Point, and natural gas delivered by Natural to or for the account of Shipper at any Delivery Point, shall be of pipeline quality and shall conform to the following specifications:

(a) OXYGEN

The oxygen content shall not exceed ten parts per million (10 ppm) by volume of uncombined oxygen, and the parties shall make reasonable efforts to maintain the gas free from oxygen.

(b) HYDROGEN SULFIDE

The hydrogen sulfide content shall not exceed one-quarter (1/4) grain per hundred (100) cubic feet of gas.

(c) MERCAPTANS

The mercaptan content shall not exceed one-quarter (1/4) grain per one hundred (100) cubic feet of gas.

(d) TOTAL SULFUR

The total sulfur content, including mercaptans and hydrogen sulfide, shall not exceed one-half (1/2) grain per one hundred (100) cubic feet of gas.

(e) CARBON DIOXIDE

The carbon dioxide content shall not exceed two percent (2%) by volume.

(f) LIQUIDS

The gas shall be free of water and hydrocarbons in liquid form at the temperature and pressure at which the gas is delivered. In addition, the gas shall not contain any hydrocarbons which might condense to free liquids in the pipeline under normal pipeline conditions and shall in no event contain water vapor in excess of seven (7) pounds per one million (1,000,000) cubic feet.

Issued by: D. A. Santefort, Vice President
Issued on: October 27, 1993

Effective on: December 1, 1993

GENERAL TERMS AND CONDITIONS

(g) DUST, GUM AND SOLID MATTER

The gas shall be commercially free of dust, gum, gum-forming constituents and other solid matter.

(h) HEATING VALUE

The gas delivered shall contain a daily, monthly and yearly average heating content of not less than nine hundred fifty (950) Btus per cubic foot. In addition, Natural may, from time to time, as operationally necessary, establish and post on the Informational Postings portion of its Interactive Website an upper Btu/cf limit and/or a limit on the dewpoint for receipts on specified segments or other specified locations on its system to prevent hydrocarbon fallout, consistent with Section 26.1(f) hereof, or to assure that gas will be accepted for delivery into interconnects with interstate pipelines, intrastate pipelines, end-users or directly connected local distribution companies. Natural will include in such posting the anticipated duration of the limitation. Points with an actual flow of 100 Dth/d or less will be exempt from the limitation in any such posting. Natural will provide as much prior notice as reasonably practicable and will attempt to provide in the posting at least two (2) Business Days' prior notice before the limitation becomes effective. If prior notice of at least two (2) Business Days is not practicable, Natural will explain the reason in the posting why it was unable to give such prior notice. Where the posting includes a dewpoint limitation, Natural will, upon request, provide current information regarding the dewpoint at any point of receipt into Natural's system affected by the posting to the operator of that point or any producer, purchaser, supply aggregator or Shipper with gas being tendered at that point.

(i) TEMPERATURE

The gas shall not be delivered at a temperature of less than forty degrees Fahrenheit (40 F.) or more than one hundred twenty degrees Fahrenheit (120 F.).

(j) NITROGEN

The nitrogen content shall not exceed three percent (3%) by volume.

(k) HYDROGEN

The gas shall contain no carbon monoxide, halogens, or unsaturated hydrocarbons, and no more than four hundred parts per million (400 ppm) of hydrogen.

Issued by: James J. McElligott, Sr. Vice President

Issued on: August 6, 2001

Effective on: September 6, 2001

GENERAL TERMS AND CONDITIONS

26.2 TOXIC HAZARDOUS SUBSTANCES

Shipper agrees to supply or cause its designee to supply to Natural upon demand, at any time and from time to time, a sample of liquids removed from the gas stream at any Receipt Point, whether removed by a coalescer or otherwise, for analysis at a laboratory of Natural's choosing. If at any time PCBs or any other toxic substances or chemicals that Natural deems hazardous and/or in any way unsafe for transportation are found in the liquid samples supplied to Natural by Shipper, Natural may in its sole discretion immediately cease the receipt of such gas and any associated liquids through its facilities. Upon proof that such toxic or hazardous substances are no longer present at levels deemed unsafe by Natural, Natural shall restore service to Shipper at the affected Receipt Point.

Issued by: James J. McElligott, Sr. Vice President

Issued on: August 6, 2001

Effective on: September 6, 2001

GENERAL TERMS AND CONDITIONS

26.3 NON-CONFORMING GAS

(a) If at any time, gas tendered under an Agreement shall fail to conform to any of the quality specifications set forth above the receiving party may, at its option exercised on a non-discriminatory basis, refuse to accept delivery pending correction of the deficiency by the delivering party.

(b) If gas tendered under an Agreement fails to conform to any of the quality specifications set forth above, the party tendering the gas shall be responsible for any damages to the facilities of Natural caused by such tender of non-conforming gas; provided, however, that if Natural has consented to receive the non-conforming gas, the tendering party shall not be liable to the extent expressly stated in the consent.