

**American Electric Power**

Kammer-Mitchell Plant  
P. O. Box K  
Moundsville, WV 26041  
Kammer (304) 843-6100  
FAX (304) 843-6180  
Mitchell (304) 843-6000  
FAX (304) 843-6080



September 16, 2015

Ms. Bev McKeone, NSR Program Manager  
Division of Air Quality  
West Virginia Department of Environmental Protection  
601 57<sup>th</sup> Street  
Charleston, West Virginia 25304

RE: R13-1582C Class I Administrative Update  
Kammer Plant Coal and Limestone Handling Systems

Dear Ms. McKeone,

Enclosed please find the original and two CD copies of a 45 CSR 13 permit Class I Administrative Update request being submitted on behalf of AEP's Kammer Plant. This Class I Administrative Update request is in response to an August 27, 2015 email from Ms. C. McCumbers (DAQ Senior Permitting Engineer). The email concerned efforts to revoke the Title V permit and retain two 45 CSR 13 permits at the Kammer Plant. The two 45 CSR 13 permits (R13-1582C and R13-1679A) are both material handling related permits and the potential emissions from the permitted equipment would not trigger Title V applicability.

This particular administrative update request is intended to remove terms and conditions from R13-1582C which were related to an NSPS coal blending project that was permitted but never constructed. Essentially, the request should result in the permit reverting back to the previous version (with the exception of updates to the general terms and conditions).

Should you have any further questions, please contact either Jeffrey W. Palmer (Plant Environmental and Lab Supervisor) at (304) 843-6051 or Gregory J. Wooten (AEP Air Quality Services Engineer) at (614) 716-1262.

Sincerely,

A handwritten signature in blue ink that reads "Daniel L. Moyer".

D. L. Moyer  
Plant Manager  
Kammer-Mitchell Plant



cc: Mr. Al Carducci  
Division of Air Quality  
West Virginia Department of Environmental Protection  
131 A Peninsula Street  
Wheeling, WV 26003

Ms. Carrie McCumbers  
Division of Air Quality  
West Virginia Department of Environmental Protection  
601 57<sup>th</sup> Street  
Charleston, West Virginia 25304



bc: J. W. Palmer – Mitchell Plant  
J.C. Hendricks / G.J. Wooten – Air Quality Services Section



**AEP Generation Resources, Inc.  
Kammer Plant**

**Class I Administrative Update to R13-1582C**



**Prepared For:**

**AEP Generation Resources, Inc. (owner) and Kentucky Power Company (Operator)  
Kammer Plant  
Moundsville, West Virginia**

**Prepared By:**

**American Electric Power  
Environmental Services  
1 Riverside Plaza  
Columbus, Ohio 43215  
September, 2015**



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**DIVISION OF AIR QUALITY**

601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
(304) 926-0475  
[www.dep.wv.gov/daq](http://www.dep.wv.gov/daq)

**APPLICATION FOR NSR PERMIT  
AND  
TITLE V PERMIT REVISION  
(OPTIONAL)**

PLEASE CHECK ALL THAT APPLY TO NSR (45CSR13) (IF KNOWN):

- CONSTRUCTION     MODIFICATION     RELOCATION  
 CLASS I ADMINISTRATIVE UPDATE     TEMPORARY  
 CLASS II ADMINISTRATIVE UPDATE     AFTER-THE-FACT

PLEASE CHECK TYPE OF 45CSR30 (TITLE V) REVISION (IF ANY):

- ADMINISTRATIVE AMENDMENT     MINOR MODIFICATION  
 SIGNIFICANT MODIFICATION

IF ANY BOX ABOVE IS CHECKED, INCLUDE TITLE V REVISION INFORMATION AS ATTACHMENT S TO THIS APPLICATION

**FOR TITLE V FACILITIES ONLY:** Please refer to "Title V Revision Guidance" in order to determine your Title V Revision options (Appendix A, "Title V Permit Revision Flowchart") and ability to operate with the changes requested in this Permit Application.

**Section I. General**

1. Name of applicant (as registered with the WV Secretary of State's Office): Owner: AEP Generation Resources, Inc., Operator Kentucky Power Co.		2. Federal Employer ID No. (FEIN): 3 1 4 2 7 1 0 0 0	
3. Name of facility (if different from above): Kammer Plant		4. The applicant is the: <input type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input checked="" type="checkbox"/> BOTH	
5A. Applicant's mailing address: P.O. Box K  Moundsville, WV		5B. Facility's present physical address: State Route 2  Cresap/Moundsville, West Virginia 26041	
6. West Virginia Business Registration. Is the applicant a resident of the State of West Virginia? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO - If YES, provide a copy of the Certificate of Incorporation/Organization/Limited Partnership (one page) including any name change amendments or other Business Registration Certificate as Attachment A. - If NO, provide a copy of the Certificate of Authority/Authority of L.L.C./Registration (one page) including any name change amendments or other Business Certificate as Attachment A.			
7. If applicant is a subsidiary corporation, please provide the name of parent corporation: American Electric Power			
8. Does the applicant own, lease, have an option to buy or otherwise have control of the proposed site? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO - If YES, please explain:    Owner: AEP Generation Resources, Inc., Operator: Kentucky Power Co.  - If NO, you are not eligible for a permit for this source.			
9. Type of plant or facility (stationary source) to be constructed, modified, relocated, administratively updated or temporarily permitted (e.g., coal preparation plant, primary crusher, etc.): Coal and Limestone Handling System – Administrative Update		10. North American Industry Classification System (NAICS) code for the facility:	
11A. DAQ Plant ID No. (for existing facilities only): 0 5 1 – 0 0 0 0 6		11B. List all current 45CSR13 and 45CSR30 (Title V) permit numbers associated with this process (for existing facilities only): R13-1582, R30-05100006-2009	

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

<p>12A.</p> <ul style="list-style-type: none"> <li>- For <b>Modifications, Administrative Updates</b> or <b>Temporary permits</b> at an existing facility, please provide directions to the <i>present location</i> of the facility from the nearest state road;</li> <li>- For <b>Construction or Relocation permits</b>, please provide directions to the <i>proposed new site location</i> from the nearest state road. Include a MAP as <b>Attachment B</b>.</li> </ul> <p>From Charleston, take I-77 North to exit 179. Travel north on State Route 2 approximately 70 miles to Cresap. Facility is located On Route 2 approximately 9 miles south of Moundsville, West Virginia</p>		
12.B. New site address (if applicable):	12C. Nearest city or town: Moundsville, WV	12D. County: Marshall
12.E. UTM Northing (KM): 4410.48	12F. UTM Easting (KM): 515.52	12G. UTM Zone: 17
<p>13. Briefly describe the proposed change(s) at the facility: Administrative Update to remove permit conditions related to a coal blending project that was permitted by never physically implemented.</p>		
14A. Provide the date of anticipated installation or change: / / N/A - If this is an <b>After-The-Fact</b> permit application, provide the date upon which the proposed change did happen: / /	14B. Date of anticipated Start-Up if a permit is granted: N/A / /	
14C. Provide a <b>Schedule of the planned Installation of/Change to and Start-Up</b> of each of the units proposed in this permit application as <b>Attachment C</b> (if more than one unit is involved). N/A		
15. Provide maximum projected <b>Operating Schedule</b> of activity/activities outlined in this application: Hours Per Day 24      Days Per Week 7      Weeks Per Year 52		
16. Is demolition or physical renovation at an existing facility involved? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
17. <b>Risk Management Plans.</b> If this facility is subject to 112(r) of the 1990 CAAA, or will become subject due to proposed changes (for applicability help see <a href="http://www.epa.gov/ceppo">www.epa.gov/ceppo</a> ), submit your <b>Risk Management Plan (RMP)</b> to U. S. EPA Region III.		
18. <b>Regulatory Discussion.</b> List all Federal and State air pollution control regulations that you believe are applicable to the proposed process ( <i>if known</i> ). A list of possible applicable requirements is also included in Attachment S of this application (Title V Permit Revision Information). Discuss applicability and proposed demonstration(s) of compliance ( <i>if known</i> ). Provide this information as <b>Attachment D</b> .		

**Section II. Additional attachments and supporting documents.**

19. Include a check payable to WVDEP – Division of Air Quality with the appropriate application fee (per 45CSR22 and 45CSR13).
20. Include a <b>Table of Contents</b> as the first page of your application package.
21. Provide a <b>Plot Plan</b> , e.g. scaled map(s) and/or sketch(es) showing the location of the property on which the stationary source(s) is or is to be located as <b>Attachment E</b> (Refer to <i>Plot Plan Guidance</i> ) . - Indicate the location of the nearest occupied structure (e.g. church, school, business, residence).
22. Provide a <b>Detailed Process Flow Diagram(s)</b> showing each proposed or modified emissions unit, emission point and control device as <b>Attachment F</b> .
23. Provide a <b>Process Description</b> as <b>Attachment G</b> . - Also describe and quantify to the extent possible all changes made to the facility since the last permit review ( <i>if applicable</i> ).
<b>All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.</b>

<p>24. Provide <b>Material Safety Data Sheets (MSDS)</b> for all materials processed, used or produced as <b>Attachment H</b>.</p> <p>– For chemical processes, provide a MSDS for each compound emitted to the air.</p>															
<p>25. Fill out the <b>Emission Units Table</b> and provide it as <b>Attachment I</b>. <b>No New Emission Units</b></p>															
<p>26. Fill out the <b>Emission Points Data Summary Sheet (Table 1 and Table 2)</b> and provide it as <b>Attachment J</b>. <b>No New Emission Points</b></p>															
<p>27. Fill out the <b>Fugitive Emissions Data Summary Sheet</b> and provide it as <b>Attachment K</b>. <b>No New Fugitive Dust Sources</b></p>															
<p>28. Check all applicable <b>Emissions Unit Data Sheets</b> listed below: <b>No New Equipment</b></p> <table border="0"> <tr> <td><input type="checkbox"/> Bulk Liquid Transfer Operations</td> <td><input type="checkbox"/> Haul Road Emissions</td> <td><input type="checkbox"/> Quarry</td> </tr> <tr> <td><input type="checkbox"/> Chemical Processes</td> <td><input type="checkbox"/> Hot Mix Asphalt Plant</td> <td><input type="checkbox"/> Solid Materials Sizing, Handling and Storage Facilities</td> </tr> <tr> <td><input type="checkbox"/> Concrete Batch Plant</td> <td><input type="checkbox"/> Incinerator</td> <td><input type="checkbox"/> Storage Tanks</td> </tr> <tr> <td><input type="checkbox"/> Grey Iron and Steel Foundry</td> <td><input type="checkbox"/> Indirect Heat Exchanger</td> <td></td> </tr> <tr> <td><input type="checkbox"/> General Emission Unit, specify</td> <td></td> <td></td> </tr> </table> <p>Fill out and provide the <b>Emissions Unit Data Sheet(s)</b> as <b>Attachment L</b>.</p>	<input type="checkbox"/> Bulk Liquid Transfer Operations	<input type="checkbox"/> Haul Road Emissions	<input type="checkbox"/> Quarry	<input type="checkbox"/> Chemical Processes	<input type="checkbox"/> Hot Mix Asphalt Plant	<input type="checkbox"/> Solid Materials Sizing, Handling and Storage Facilities	<input type="checkbox"/> Concrete Batch Plant	<input type="checkbox"/> Incinerator	<input type="checkbox"/> Storage Tanks	<input type="checkbox"/> Grey Iron and Steel Foundry	<input type="checkbox"/> Indirect Heat Exchanger		<input type="checkbox"/> General Emission Unit, specify		
<input type="checkbox"/> Bulk Liquid Transfer Operations	<input type="checkbox"/> Haul Road Emissions	<input type="checkbox"/> Quarry													
<input type="checkbox"/> Chemical Processes	<input type="checkbox"/> Hot Mix Asphalt Plant	<input type="checkbox"/> Solid Materials Sizing, Handling and Storage Facilities													
<input type="checkbox"/> Concrete Batch Plant	<input type="checkbox"/> Incinerator	<input type="checkbox"/> Storage Tanks													
<input type="checkbox"/> Grey Iron and Steel Foundry	<input type="checkbox"/> Indirect Heat Exchanger														
<input type="checkbox"/> General Emission Unit, specify															
<p>29. Check all applicable <b>Air Pollution Control Device Sheets</b> listed below: <b>No New Air Pollution Control Devices</b></p> <table border="0"> <tr> <td><input type="checkbox"/> Absorption Systems</td> <td><input type="checkbox"/> Baghouse</td> <td><input type="checkbox"/> Flare</td> </tr> <tr> <td><input type="checkbox"/> Adsorption Systems</td> <td><input type="checkbox"/> Condenser</td> <td><input type="checkbox"/> Mechanical Collector</td> </tr> <tr> <td><input type="checkbox"/> Afterburner</td> <td><input type="checkbox"/> Electrostatic Precipitator</td> <td><input type="checkbox"/> Wet Collecting System</td> </tr> <tr> <td><input type="checkbox"/> Other Collectors, specify</td> <td></td> <td></td> </tr> </table> <p>Fill out and provide the <b>Air Pollution Control Device Sheet(s)</b> as <b>Attachment M</b>.</p>	<input type="checkbox"/> Absorption Systems	<input type="checkbox"/> Baghouse	<input type="checkbox"/> Flare	<input type="checkbox"/> Adsorption Systems	<input type="checkbox"/> Condenser	<input type="checkbox"/> Mechanical Collector	<input type="checkbox"/> Afterburner	<input type="checkbox"/> Electrostatic Precipitator	<input type="checkbox"/> Wet Collecting System	<input type="checkbox"/> Other Collectors, specify					
<input type="checkbox"/> Absorption Systems	<input type="checkbox"/> Baghouse	<input type="checkbox"/> Flare													
<input type="checkbox"/> Adsorption Systems	<input type="checkbox"/> Condenser	<input type="checkbox"/> Mechanical Collector													
<input type="checkbox"/> Afterburner	<input type="checkbox"/> Electrostatic Precipitator	<input type="checkbox"/> Wet Collecting System													
<input type="checkbox"/> Other Collectors, specify															
<p>30. Provide all <b>Supporting Emissions Calculations</b> as <b>Attachment N</b>, or attach the calculations directly to the forms listed in Items 28 through 31. <b>Previously submitted.</b></p>															
<p>31. <b>Monitoring, Recordkeeping, Reporting and Testing Plans.</b> Attach proposed monitoring, recordkeeping, reporting and testing plans in order to demonstrate compliance with the proposed emissions limits and operating parameters in this permit application. Provide this information as <b>Attachment O</b>.</p> <p>&gt; Please be aware that all permits must be practically enforceable whether or not the applicant chooses to propose such measures. Additionally, the DAQ may not be able to accept all measures proposed by the applicant. If none of these plans are proposed by the applicant, DAQ will develop such plans and include them in the permit.</p>															
<p>32. <b>Public Notice.</b> At the time that the application is submitted, place a <b>Class I Legal Advertisement</b> in a newspaper of general circulation in the area where the source is or will be located (See 45CSR§13-8.3 through 45CSR§13-8.5 and <i>Example Legal Advertisement</i> for details). Please submit the <b>Affidavit of Publication</b> as <b>Attachment P</b> immediately upon receipt.</p>															
<p>33. <b>Business Confidentiality Claims.</b> Does this application include confidential information (per 45CSR31)?</p> <p><input type="checkbox"/> YES      <input checked="" type="checkbox"/> NO</p> <p>&gt; If YES, identify each segment of information on each page that is submitted as confidential and provide justification for each segment claimed confidential, including the criteria under 45CSR§31-4.1, and in accordance with the DAQ's "<i>Precautionary Notice – Claims of Confidentiality</i>" guidance found in the <i>General Instructions</i> as <b>Attachment Q</b>.</p>															

**Section III. Certification of Information**

<p>34. <b>Authority/Delegation of Authority.</b> Only required when someone other than the responsible official signs the application. Check applicable <b>Authority Form</b> below:</p> <table border="0"> <tr> <td><input type="checkbox"/> Authority of Corporation or Other Business Entity</td> <td><input type="checkbox"/> Authority of Partnership</td> </tr> <tr> <td><input type="checkbox"/> Authority of Governmental Agency</td> <td><input type="checkbox"/> Authority of Limited Partnership</td> </tr> </table> <p>Submit completed and signed <b>Authority Form</b> as <b>Attachment R</b>.</p> <p><i>All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.</i></p>	<input type="checkbox"/> Authority of Corporation or Other Business Entity	<input type="checkbox"/> Authority of Partnership	<input type="checkbox"/> Authority of Governmental Agency	<input type="checkbox"/> Authority of Limited Partnership
<input type="checkbox"/> Authority of Corporation or Other Business Entity	<input type="checkbox"/> Authority of Partnership			
<input type="checkbox"/> Authority of Governmental Agency	<input type="checkbox"/> Authority of Limited Partnership			

35A. **Certification of Information.** To certify this permit application, a Responsible Official (per 45CSR§13-2.22 and 45CSR§30-2.28) or Authorized Representative shall check the appropriate box and sign below.

**Certification of Truth, Accuracy, and Completeness**

I, the undersigned  Responsible Official /  Authorized Representative, hereby certify that all information contained in this application and any supporting documents appended hereto, is true, accurate, and complete based on information and belief after reasonable inquiry I further agree to assume responsibility for the construction, modification and/or relocation and operation of the stationary source described herein in accordance with this application and any amendments thereto, as well as the Department of Environmental Protection, Division of Air Quality permit issued in accordance with this application, along with all applicable rules and regulations of the West Virginia Division of Air Quality and W.Va. Code § 22-5-1 et seq. (State Air Pollution Control Act). If the business or agency changes its Responsible Official or Authorized Representative, the Director of the Division of Air Quality will be notified in writing within 30 days of the official change.

**Compliance Certification**

Except for requirements identified in the Title V Application for which compliance is not achieved, I, the undersigned hereby certify that, based on information and belief formed after reasonable inquiry, all air contaminant sources identified in this application are in compliance with all applicable requirements.

SIGNATURE Daniel L Moyer DATE: 9-16-2015  
(Please use blue ink) (Please use blue ink)

35B. Printed name of signee: D. L Moyer		35C. Title: Plant Manager
35D. E-mail: dlmoyer@aep.com	36E. Phone: 304-843-6001	36F. FAX: 304-843-6080
36A. Printed name of contact person (if different from above): J. W. Palmer		36B. Title: Env. & Lab Supervisor
36C. E-mail: jwpalmer@aep.com	36D. Phone: 304-843-6051	36E. FAX: 304-843-6080

**PLEASE CHECK ALL APPLICABLE ATTACHMENTS INCLUDED WITH THIS PERMIT APPLICATION:**

<input type="checkbox"/> Attachment A: Business Certificate	<input type="checkbox"/> Attachment K: Fugitive Emissions Data Summary Sheet
<input type="checkbox"/> Attachment B: Map(s)	<input type="checkbox"/> Attachment L: Emissions Unit Data Sheet(s)
<input type="checkbox"/> Attachment C: Installation and Start Up Schedule	<input type="checkbox"/> Attachment M: Air Pollution Control Device Sheet(s)
<input type="checkbox"/> Attachment D: Regulatory Discussion	<input type="checkbox"/> Attachment N: Supporting Emissions Calculations
<input type="checkbox"/> Attachment E: Plot Plan	<input type="checkbox"/> Attachment O: Monitoring/Recordkeeping/Reporting/Testing Plans
<input type="checkbox"/> Attachment F: Detailed Process Flow Diagram(s)	<input type="checkbox"/> Attachment P: Public Notice
<input checked="" type="checkbox"/> Attachment G: Process Description	<input type="checkbox"/> Attachment Q: Business Confidential Claims
<input type="checkbox"/> Attachment H: Material Safety Data Sheets (MSDS)	<input type="checkbox"/> Attachment R: Authority Forms
<input type="checkbox"/> Attachment I: Emission Units Table	<input type="checkbox"/> Attachment S: Title V Permit Revision Information
<input type="checkbox"/> Attachment J: Emission Points Data Summary Sheet	<input type="checkbox"/> Application Fee

*Please mail an original and three (3) copies of the complete permit application with the signature(s) to the DAQ, Permitting Section, at the address listed on the first page of this application. Please DO NOT fax permit applications.*

**FOR AGENCY USE ONLY – IF THIS IS A TITLE V SOURCE:**

Forward 1 copy of the application to the Title V Permitting Group and:

For Title V Administrative Amendments:

NSR permit writer should notify Title V permit writer of draft permit,

For Title V Minor Modifications:

Title V permit writer should send appropriate notification to EPA and affected states within 5 days of receipt,

NSR permit writer should notify Title V permit writer of draft permit.

For Title V Significant Modifications processed in parallel with NSR Permit revision:

NSR permit writer should notify a Title V permit writer of draft permit,

Public notice should reference both 45CSR13 and Title V permits,

EPA has 45 day review period of a draft permit.

## **Attachment G: Process Description and Suggested Permit Revisions**

This request for an administrative update is simply to clean up permit R13-1582C. R13-1582C is a material handling permit for the retired Kammer Power Plant, located near Moundsville, West Virginia. The facility wishes to keep this material handling permit active as a non-Title V source.

The current version of this permit (R13-1582C) contains several provisions related to a 40 CFR 60 Subpart Y coal blending project that was permitted in late 2008/early 2009. The coal blending project, while permitted, was never constructed or placed into operation. This administrative update request is intended to remove the permit conditions that were added for the coal blending project.

Essentially, we are asking that the permit revert back to the previous permit version (R13-1582B). We understand that the entire permit can't revert back to R13-1582B since there were also a number of revisions to the 45 CSR 13 general terms and conditions. On the pages that follow, we have made an attempt to identify the revised or added terms and conditions (not including general terms and conditions) that were part of the coal blending project air permitting revisions.

## 1.0 Emission Units

ID	Description	Location	Control Device/Method <sup>(1)</sup>
1S	Transfer Point	Bucket Transfer to Belt	WS, PE
2S	Transfer Point	BC1 to BC2	FE
3S	Transfer Point	BC2 to Surge Bin	FE
4S	Transfer Point	Surge Bin to BC3	FE
5S	Transfer Point	Transfer/Sample Building	FE
7S	Transfer Point	BC5 to BC6	FE
8S	Transfer Point	BC6 to Silo	FE
9S	Transfer Point	Reclaim to BC7	FE
10S	Transfer Point	Transfer from BC7	FE
11S	Transfer Point	Loadout to Surge Pile	WS
12S	Transfer Point	Kickout to N. Storage Pile	WS
STA-3	Transfer Point	Surge Pile to F3A, F3B, F3C, F3D to C-4E, C-4W	FE, WES1
CRH	Transfer Point	C-4E, C-4W to Crushers CR-42, CR-43	FE, BHH
STA-2	Transfer Point	C-1 to C-7	FE, WSRB
TH-2	Transfer Point	C-2 to C-8	FE
CRH	Transfer Point	C-8 to Crushers CR-42, CR-43	FE, BHH
CR-42, CR-43	Coal Crushers	Crushers CR-42, CR-43	FE, BHH
CRH	Transfer Point	Crushers CR-42, CR-43 to C-4AE, C-4AW	FE, BHH
TH-1	Transfer Point	C-4AE, C-4AW to C-5E, C-5W	FE, BHH
STA-5	Transfer Point	C-5E, C-5W to C-6N, C-6S	FE, PE, WES2
Bunker Room	Transfer Point	C-6N, C-6S trippers	FE, WES2
Bunker Room	Transfer Point	C-6N, C-6S to Coal Bunkers	FE, WES3A, WES3B, WES3C

ID	Description	Location	Control Device/Method
1S	Transfer Point	Wheel Barge Unloader to BC1	WS,PE
2S	Transfer Point	BC1 to BC2	FE
3S	Transfer Point	BC2 to Surge Bin	FE
4S	Transfer Point	Surge Bin to BC3	FE
5S	Transfer Point	Transfer/Sample Building (BC3 to BC4)	FE
11S	Transfer Point	BC4 Loadout to Surge Pile	WS
12S	Transfer Point	BC8 N. Yard Kickout to N. Storage Pile	WS
	Transfer Point	N. Stockpile to Conveyor 1 via Reclaim Hoppers	FE
	Transfer Point	Conveyor 1 to Conveyor 3 in Station #2	FE
	Transfer Point	Conveyor 3 to Surge stockpile (Station 3)	
STA-3	Transfer Point	Surge Pile to C-4E, C-4W via reclaim hoppers	FE
	Transfer Point	Surge stockpile to Conveyor 4E, 4W via Emergency Reclaim Hoppers	FE
TH-1	Transfer Point	C-4AE, C-4AW to C-5E, C-5W	FE
STA-5	Transfer Point	C-5E, C-5W to C-6N, C-6S	FE
Bunker Room	Transfer Point	C-6N, C-6S trippers	FE
Bunker Room	Transfer Point	C-6N, C-6S to Coal Bunkers	FE

#### 4.0. Source-Specific Requirements

##### 4.1. Limitations and Standards

- 4.1.1. The maximum amount of coal unloaded from barges at the permitted facility shall not exceed 4000 tons per hour or 4,000,000 tons per year. Compliance with the processing limit shall be determined using a rolling yearly total. A rolling yearly total shall mean the sum of the coal processed at any given time for the previous twelve (12) consecutive calendar months.
- 4.1.2. The maximum amount of limestone unloaded from barges at the permitted facility shall not exceed 4,000 tons per hour or 50,400 tons per year. Compliance with the processing limit shall be determined using a rolling yearly total. A rolling yearly total shall mean the sum of the limestone unload at any given time for the previous twelve (12) consecutive calendar months.
- 4.1.3 ~~The maximum amount of coal transferred from CSA 1 (surge pile) to Crushers CR-42 and CR-43 shall not exceed 700 tons per hour nor 6,132,000 tons per year. Compliance with the throughput limit shall be determined using a rolling yearly total. A rolling yearly total shall mean the sum of the coal transferred at any given time for the previous twelve (12) consecutive calendar months.~~
- 4.1.4 ~~The maximum amount of coal transferred from CSA 2 (north surge pile) to Crushers CR-42 and CR-43 shall not exceed 350 tons per hour nor 3,066,000 tons per year. Compliance with the throughput limit shall be determined using a rolling yearly total. A rolling yearly total shall mean the sum of the coal transferred at any given time for the previous twelve (12) consecutive calendar months.~~

~~4.1.5 The maximum amount of coal transferred from Crushers CR 42 and CR 43 to the Kammer plant coal bunkers shall not exceed 700 tons per hour nor 6,132,000 tons per year. Compliance with the throughput limit shall be determined using a rolling yearly total. A rolling yearly total shall mean the sum of the coal transferred at any given time for the previous twelve (12) consecutive calendar months.~~

~~4.1.6 For equipment subject to 40 CFR 60 Subpart Y, the facility shall comply with the applicable coal processing and conveying equipment standards for particulate matter.~~

4.1.7. The maximum amount of limestone in long term storage (North Yard) shall not exceed 6,000 tons at any time.

4.1.8. In accordance with the information filed in Permit Application R13-1582A, and any amendments thereto, the following control equipment shall be installed, maintained, and operated so as to minimize particulate matter emissions on the specified transfer points:

ID	Description	Locatio	Contro
1S	Transfer	Bucket Transfer to Belt	WS,PE
2S	Transfer Point	BCto BC2	FE
3S	Transfer	BC2 to Surge Bin	FE
4S	Transfer	Surge Bin to BC3	FE
5S	Transfer	Transfer/Sample Building	FE

ID	Description	Location	Control Device/Method (1)
7S	Transfer Point	BC5 to BC6	FE
8S	Transfer Point	BC6 to Silo	FE
9S	Transfer Point	Reclaim to BC7	FE
10S	Transfer Point	Transfer from BC7	FE
11S	Transfer	Loadout to Surge Pile	WS
12S	Transfer	Kickout to N. Storage Pile	WS
STA-3	Transfer Point	Surge Pile to F3A, F3B, F3C, F3D to C-4E, C-4W	FE, WES1
CRH	Transfer	C-4E, C-4W to Crushers CR-42,	FE, BI
STA-2	Transfer	C-1 to C-	FE, WSRB
TH-	Transfer	C-7 to C-	FE
CRH	Transfer	C-8 to Crushers CR-42, CR-43	FE, BI
CR-42, CR-	Coal	Crushers CR-42, CR-43	FE, BH
CRH	Transfer	Crushers CR-42, CR-43 to C-4AE,	FE, BH
TH-1	Transfer	C-4AE, C-4AW to C-5E, C-5W	FE, BH
STA-5	Transfer	C-5E, C-5W to C-6N, C-6S	FE, PE, WES2
Bunker Room	Transfer Point	C-6N, C-6S trippers	FE,
Bunker Room	Transfer Point	C-6N, C-6S to Coal Bunkers	FE, WES3A, WES3B,

(1) FE= Full Enclosure; PE =Partial Enclosure; WS =Water Sprays, WES =Wet Dust Extraction System; BH =Dry Baghouse; WSRB =Wet Suppression with Residual Binder

Water sprays shall be used as often as is necessary in order to minimize the atmospheric entrainment of fugitive particulate emissions that may be generated from the applicable transfer points noted above.

- 4.1.9. Operation and Maintenance of Air Pollution Control Equipment. The permittee shall, to the extent practicable, install, maintain, and operate all pollution control equipment listed in condition 4.1.8. and associated monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions, or comply with any more stringent limits set forth in this permit or as set forth by any State rule, Federal regulation, or alternative control plan approved by the Secretary.
- [45CSR§13-5.11.]

## 4.2. Monitoring Requirements

4.2.1. For the purposes of determining compliance with the maximum processing limit set forth in 4.1.1 and 4.1.2. ~~through 4.1.5.~~, the permittee shall maintain monthly (and calculated rolling yearly total) records of the amount of coal and limestone unloaded by the operations authorized by this permit. For the purposes of determining compliance with the water spray requirement ~~for transfer points 1S, 1S and 12S~~ in 4.1.4 ~~4.1.8.~~, the permittee shall maintain a record of the times when the water sprays were not used while coal was being unloaded and the reason for not being used. Such records shall be maintained in accordance with 3.3.1. Certified records shall be made available to the Director or his/her duly authorized representative upon request.

4.2.2 ~~For equipment subject to 40 CFR 60 Subpart Y the facility shall comply with the applicable coal processing and conveying equipment requirements for monitoring operations.~~

## 4.3. Testing Requirements

4.3.1 ~~For equipment subject to 40 CFR 60 Subpart Y the facility shall comply with the applicable coal processing and conveying equipment requirements for test methods and procedures.~~

## 4.4. Recordkeeping Requirements

4.4.1. Record of Monitoring. The permittee shall keep records of monitoring information that include the following:

- a. The date, place as defined in this permit and time of sampling or measurements;
- b. The date(s) analyses were performed;
- c. The company or entity that performed the analyses;
- d. The analytical techniques or methods used;
- e. The results of the analyses; and
- f. The operating conditions existing at the time of sampling or measurement.

4.4.2. Record of Maintenance of Air Pollution Control Equipment. For all pollution control equipment listed in Section 1.0, the permittee shall maintain accurate records of all required pollution control equipment inspection and/or preventative maintenance procedures.

4.4.3. Record of Malfunctions of Air Pollution Control Equipment. For all air pollution control equipment listed in Section 1.0, the permittee shall maintain records of the occurrence and duration of any malfunction or operational shutdown of the air pollution control equipment during which excess emissions occur. For each such case, the following information shall be recorded:

- a. The equipment involved.
- b. Steps taken to minimize emissions during the event.
- c. The duration of the event.
- d. The estimated increase in emissions during the event.

For each such case associated with an equipment malfunction, the additional information shall also be recorded:

- e. The cause of the malfunction.
- f. Steps taken to correct the malfunction.
- g. Any changes or modifications to equipment or procedures that would help prevent future recurrences of the malfunction.

4.4.4 ~~For equipment subject to 40 CFR 60 Subpart Y the facility shall comply with the applicable coal processing and conveying equipment requirements for recordkeeping.~~

#### 4.5. Reporting Requirements

4.5.1. The permittee shall submit a summary report of the data collected as required in condition 4.2.1. to the Director on an annual basis. This report shall be submitted no later than sixty (60) days following the end of the calendar year. Data shall be considered "certified" when accompanied by the Certification of Data Accuracy attach to this permit.

4.5.2 ~~For equipment subject to 40 CFR 60 Subpart Y the facility shall comply with the applicable coal processing and conveying equipment requirements for reporting.~~