Big Rivers
ELECTRIC CORPORATION

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January 30, 2019

Mr. Mac Cann
Kentucky Division for Air Quality
Owensboro Regional Office
3032 Alvey Park Drive W, Suite 700
Owensboro, KY 42303-2191

Re: Year 2018 Annual Compliance Certification, Big Rivers Electric Corporation's D.B. Wilson Station, Permit V-16-013 R1, Facility ID # 21-183-00069, A.I. 3319

Dear Mr. Cann:

Attached please find Big River's annual compliance certification for the D.B. Wilson Station. This Compliance Certification Form (DEP 7007CC) is being supplied for the 12-month period between January 1, 2018 – December 31, 2018 in conformance with Part 9 of Section F of the Title V permit referenced above.

If you have any questions regarding this report, please feel free to contact Mike Galbraith at (270) 844-5205.

Sincerely,

Nathan Berry
Plant Manager, D.B. Wilson Station

Cc: U.S. EPA Region IV
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth St.
Atlanta, GA 30303

bc: Mike Pullen
Tom Shaw
Mike Galbraith

Commonwealth of Kentucky
Natural Resources & Environmental Protection Cabinet
Department for Environmental Protection

DEP7007CC
Compliance Certification

DIVISION FOR AIR QUALITY

Division Use Only	
ID#	ID# 21-183-00069
Permit #	V-16-013 R1
Received Date	

An application for a permit must contain a certification of compliance signed by a responsible official.
This form must be submitted with the original application as well as each annual report.
This form does not have to be completed for sources applying to construct with original application.

1) Source Name **Big Rivers Electric Corporation - D. B. Wilson Station**		
2) Source Street Address **5663 State Hwy. 85 W**		
3) City **Island KY 42350**	4) Date Form Prepared **01/29/19**	5) Source ID # (If known) **# 21-183-00069**
6) Permit Number(s) (If known) **V-16-013 R1, Source ID # 21-183-00069, AI# 3319**		
7) Submittal Information Is this the first submittal of this form? ☐ Yes ☑ No What is the reporting period? 01 / 01 / 18 (mm / dd / yy) to 12 / 31 / 18 (mm / dd / yy)		

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.1.a) Operating Limitations 40 CFR 63.10011(g) and 40 CFR 63, Subpart UUUUU, Table 3	Indirect Heat Exchanger - Coal Fired Boiler	During startup (definition paragrapgh 1): Use clean fuels to maximum extent possible, engage PM control device within one hour of adding coal, operate all CEMS.	N/A	#2 Fuel oil utilized to maximum extent possible during startup. Once converting to firing coal, all applicable control technologies engaged except SCR. CEMs operated and data recorded during all periods of operation with exception of breakdowns, repairs, calibration checks, and zero/span adjustments. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.b) Operating Limitations 40 CFR 63.10000(a) and 40 CFR 63.10005(j)	Indirect Heat Exchanger - Coal Fired Boiler	During shutdown: Operate all CEMS and all applicable control devices for as long as possible.	N/A	CEMs operated and data recorded during all periods of operation with exception of breakdowns, repairs, calibration checks, and zero/span adjustments, ESP and FGD operated for as long as possible during shutdown. Method: Continuous; Compliance: Continuous
	01	Condition B.1.c) Operating Limitations 40 CFR 63.10005(f)	Indirect Heat Exchanger - Coal Fired Boiler	Demonstrate initial compliance for tune-up work practices no later than 180 days after April 16, 2016. If a tune-up occurs prior to April 16, 2015, you must keep records showing that the tune-up met all rule requirements.	N/A	Initial compliance demonstration tune-up occurred April 26, 2016. First burner inspection occurred during scheduled Fall outage 2018. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.d) Operating Limitations 40 CFR 63.10021(e)	Indirect Heat Exchanger - Coal Fired Boiler	Conduct periodic performance tune-ups at least once every 36 calendar months.	N/A	Initial compliance demonstration tune-up occurred April 26, 2016. Burner and combustion control inspection and repair occurred during scheduled Fall outage 2018. Tune-up completion after unit coming online in 2019. Method: Intermittent; Compliance: Continuous

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	01	Condition B.1.d) 1) Operating Limitations 40 CFR 63.10021(e)(1)	Indirect Heat Exchanger - Coal Fired Boiler	Inspect the burner and combustion controls, and clean or replace any components of the burner or combustion controls as necessary.	N/A	Burner and combustion control inspection, repair and burner assembly 2C, 4A, 4B, 4C, 4D, 5D replacement occurred during scheduled Fall outage 2018. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.d) 2) Operating Limitations 40 CFR 63.10021(e)(2)	Indirect Heat Exchanger - Coal Fired Boiler	Inspect the flame pattern and make any adjustments to the burner or combustion controls necessary to optimize the flame pattern.	N/A	Flame pattern inspected and optimized after scheduled Fall outage 2018. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.d) 3) Operating Limitations 40 CFR 63.10021(e)(3)	Indirect Heat Exchanger - Coal Fired Boiler	Observe the damper operations, making adjustments and effecting repair to dampers, controls, mills, pulverizers, cyclones, and sensors.	N/A	Dampers inspected and coal feeders calibrated during scheduled Fall outage 2018. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.d) 4) Operating Limitations 40 CFR 63.10021(e)(4)	Indirect Heat Exchanger - Coal Fired Boiler	Evaluate windbox pressures and air proportions, making adjustments and effecting repair to dampers, actuators, controls, and sensors.	N/A	Windbox pressure and total air flow inspected during scheduled Fall outage 2018. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.1.d) 5) Operating Limitations 40 CFR 63.10021(e)(5)	Indirect Heat Exchanger - Coal Fired Boiler	Inspect the system controlling the air-to-fuel ratio and ensure that it is correctly calibrated and functioning properly.	N/A	Air-to-fuel system inspected for proper operation during scheduled Fall outage 2018. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.d) 6) Operating Limitations 40 CFR 63.10021(e)(6)	Indirect Heat Exchanger - Coal Fired Boiler	Optimize combustion to minimize generation of CO and NOx.	N/A	Total CO and NOx emissions optimized after scheduled Fall outage 2018. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.d) 7) Operating Limitations 40 CFR 63.10021(e)(7)	Indirect Heat Exchanger - Coal Fired Boiler	While operating at full load, measure the concentration in the effluent stream of CO and NOx before and after the tune-up adjustments are made.	N/A	Measurement of flue gas CO and NOx concentrations taken at full load before and after tune-up adjustments. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.d) 8) Operating Limitations 40 CFR 63.10021(e)(8)	Indirect Heat Exchanger - Coal Fired Boiler	Maintain on-site an annual report containing the information in 40 CFR 63.10021(e)(1) through (e)(9).	N/A	Records of boiler tune-ups are kept in hardcopy file and/or electronic files. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.d) 9) Operating Limitations 40 CFR 63.10021(d)(9)	Indirect Heat Exchanger - Coal Fired Boiler	Report the dates of the initial and subsequent tune-ups as specified.	N/A	All required reporting will be included in semi-annual compliance reports. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.1.e) Operating Limitations 40 CFR 63.10005(d)	Indirect Heat Exchanger - Coal Fired Boiler	If using a continuous monitoring system, the CMS must pass a performance evaluation prior to the initial compliance demonstration.	N/A	Mercury CEMS certified according to the requiements of 40 CFR 63, Subpart UUUUU, Appendix A. PM CEMS certified according to 40 CFR 60, Appendix B, Performance Specification 11 and 40 CFR 60, Appendix F, Specification 2. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.f) Operating Limitations 40 CFR 63.10020(b)	Indirect Heat Exchanger - Coal Fired Boiler	Operate monitoring system and collect data at all times EGU is operating, except periods of malfunctions or out-of-control. Affect monitoring system repairs and return to operation as expeditiously as practicable.	N/A	CMS operated and data recorded during all periods of operation with exception of breakdowns, repairs, calibration checks, and zero/span adjustments. Method: Continuous; Compliance: Continuous
	01	Condition B.1.g) Operating Limitations 40 CFR 63.10020(c)	Indirect Heat Exchanger - Coal Fired Boiler	Use of all CMS data recorded except during startup, shutdown or monitor maintenance.	N/A	Quality assured data during all periods of operation used to report emissions with exception of startup or shutdown. Method: Continuous; Compliance: Continuous
	01	Condition B.1.h) Operating Limitations 40 CFR 63.10020(d)	Indirect Heat Exchanger - Coal Fired Boiler	Failure to collect required CMS data is a deviation from the monitoring requirements.	N/A	CEMs operated and data recorded during all periods of operation with exception of breakdowns, repairs, calibration checks, and zero/span adjustments. Method: Continuous; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.1.i) Operating Limitations 40 CFR 63.10000(b)	Indirect Heat Exchanger - Coal Fired Boiler	Operate and maintain source in a manner consistent with safety and good air pollution control practices for minimizing emissions at all times.		Source was operated and maintained accordingly. Method: Intermittent; Compliance: Continuous
	01	Condition B.1.j) Operating Limitations 40 CFR 63.10040	Indirect Heat Exchanger - Coal Fired Boiler	Comply with the General Provisions as specified in Table 9 of 40 CFR 63, Subpart UUUUU.		Source was operated and maintained accordingly. Method: Intermittent; Compliance: Continuous
	01	Condition B.2.a) 1) Emission Limitations 40 CFR 60.42Da(a) and 40 CFR 52.21	Indirect Heat Exchanger - Coal Fired Boiler	Particulate emissions shall not exceed 0.03 lb/mmBtu based on a boiler operating day.	<0.03 lbs/mmBtu	Particulate matter continuous emission monitor (PM CEM) system in accordance with 40 CFR 60 Appendix F, Procedure 2. Method: Continuous; Compliance: Continuous
	01	Condition B.2.a) 2) Emission Limitations 40 CFR 63, Subpart UUUUU, Table 2	Indirect Heat Exchanger - Coal Fired Boiler	Particulate emissions shall not exceed 0.030 lb/mmBtu based on a 30 boiler operating day rolling average.	<0.030 lbs/mmBtu	Particulate matter continuous emission monitor (PM CEM) system in accordance with 40 CFR 63.10010(i) and 40 CFR 60 Appendix F, Procedure 2. Method: Continuous; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.2.b) 1) Emission Limitations 40 CFR 60.43Da(a)(1) and (2) and 40 CFR 52.21	Indirect Heat Exchanger - Coal Fired Boiler	Sulfur dioxide emissions shall be reduced by 90% and shall not exceed 1.2 lb/mmBtu or shall be reduced 70% and shall not exceed 0.6 lb/mmBtu based on a 30 day rolling average.	< 1.2 & <0.6 lb/mmBtu	Continuous Emissions Monitoring (CEM) system in accordance with 40 CFR 75, Appendix A. Method: Continuous; Compliance: Continuous
	01	Condition B.2.b) 2) Emission Limitations 401 KAR 51:010 and 401 KAR 53:010	Indirect Heat Exchanger - Coal Fired Boiler	Sulfur dioxide emissions shall not exceed 0.627 lb/mmBtu based on a 30 day rolling average.	< 0.627 lb/mmBtu	Continuous Emissions Monitoring (CEM) system in accordance with 40 CFR 75, Appendix A. Method: Continuous; Compliance: Continuous
	01	Condition B.2.b) 3) PSD Avoidance 401 KAR 51:017	Indirect Heat Exchanger - Coal Fired Boiler	Emissions of sulfur dioxide shall not exceed 12,023 tons during any consecutive 12 month period in which petroleum coke is burned.	< 12,023 tpy	Continuous Emissions Monitoring (CEM) system in compliance with 40 CFR 75, Appendix A. Sulfur dioxide emissions from all generating units is calculated on a monthly and twelve consecutive month basis. Monthly averages are reported in the semi-annual Title V monitoring report. Dates on which petcoke is burned, monthly and annual quantities are recorded. Method: Continuous; Compliance: Continuous
	01	Condition B.2.c) 1) Emission Limitations 40 CFR 60.44Da(a) and 40 CFR 52.21	Indirect Heat Exchanger - Coal Fired Boiler	Nitrogen oxides emission shall not exceed 0.6 lb/mmBtu based on a 30 day rolling average.	< 0.6 lb/mmBtu	Continuous Emissions Monitoring (CEM) system in accordance with 40 CFR 75, Appendix A. Method: Continuous; Compliance: Continuous
	01	Condition B.2.c) 2) Emission Limitations 40 CFR Part 76 Acid Rain Permit	Indirect Heat Exchanger - Coal Fired Boiler	Comply with the applicable emissions limitations of the Acid Rain Permit in Section J.	N/A	See permit condition J.

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.2.d) Emission Limitations 40 CFR 63, Subpart UUUUU, Table 2	Indirect Heat Exchanger - Coal Fired Boiler	Hydrogen chloride emissions shall not exceed 0.0020 lb/mmBtu.	< 0.0020 lb/mmBtu	Quarterly performance stack testing to demonstrate compliance. Method: Intermittent; Compliance: Continuous
	01	Condition B.2.e) Emission Limitations 40 CFR 63, Subpart UUUUU, Table 2	Indirect Heat Exchanger - Coal Fired Boiler	Mercury emissions shall not exceed 1.2 lb/TBtu based on a 30 boiler operating day rolling average.	< 1.2 lb/TBtu	Hg Continuous Emissions Monitoring (Hg CEM) system in accordance with Appendix A to 40 CFR 63, Subaprt UUUUU. Method: Continuous; Compliance: Continuous
	01	Condition B.3.a) Testing 40 CFR 63, Subpart UUUUU, Table 5	Indirect Heat Exchanger - Coal Fired Boiler	Perform quarterly stack testing to demonstrate compliance with the 0.0020 lb/mmBtu emission rate limit for HCl.	N/A	Quarterly HCl performance tests conducted as defined in 3.a. – 3.e. of Table 5 of 40 CFR 63, subpart UUUUU and 40 CFR 63.10007 to demonstrate compliance with the 0.0020 lb/mmBtu emission rate limit Method: Intermittent; Compliance: Continuous
	01	Condition B.3.b) Testing 40 CFR 63.10006(f)(2)	Indirect Heat Exchanger - Coal Fired Boiler	Conduct a performance test in the 4th quarter of a calendar year if the EGU has skipped performance tests in the first 3 quarters of the calendar year.	N/A	Performance test for HCl performed in the first three quarters of 2018. Fourth quarter 2018 HCl performance test skipped under the §63.10021(d)(1) provision to skip a performance test when a boiler has less than 168 operating hours within the quarter. Method: Intermittent; Compliance: Continuous
	01	Condition B.3.c) Testing 40 CFR 63.10006(f)(3)	Indirect Heat Exchanger - Coal Fired Boiler	Missed HCl performance tests must be performed in the next test period and an additional performance test must be conducted within the period.	N/A	No quarterly HCl performance testing missed. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.3.d) Testing 40 CFR 63.10007(b)	Indirect Heat Exchanger - Coal Fired Boiler	Demonstrate continuous compliance with the Hg and PM limit by using all quality-assured hourly data recorded by the CEMS.	N/A	Compliance with the Hg and PM limit demonstrated by using all quality-assured hourly data recorded by the CEMS. Method: Continuous; Compliance: Continuous
	01	Condition B.4.a) Monitoring 401 KAR 59:005, Section 3; 40 CFR 60 Appendix B or 40 CFR 75 Appendix A; 401 KAR 52:020, Section 10 and 40 CFR 60.49Da	Indirect Heat Exchanger - Coal Fired Boiler	CEMs installed, operated and maintained.	N/A	CEMs installed, operated and maintained conforming to regulatory monitoring requirements. Monitor performance reported quarterly. Method: Continuous; Compliance: Continuous
	01	Condition B.4.b) Monitoring 401 KAR 59:020 and 40 CFR 60.43Da(g)	Indirect Heat Exchanger - Coal Fired Boiler	If any 30 day rolling average sulfur dioxide value exceeds the standard, inspect the control equipment and/or CEMs.	N/A	Control equipment and/or CEMs inspected and any necessary repairs made when the 30 day rolling average sulfur dioxide standard is exceeded. Method: Intermittent; Compliance: Continuous
	01	Condition B.4.c) Monitoring 40 CFR 52:21	Indirect Heat Exchanger - Coal Fired Boiler	Use the sulfur dioxide CEMs to determine monthly and twelve consecutive month emissions.	N/A	Monthly and twelve consecutive month sulfur dioxide emissions determined by CEMs. Method: Intermittent; Compliance: Continuous
	01	Condition B.4.d) Monitoring 401 KAR 59:005, Section 4(3)	Indirect Heat Exchanger - Coal Fired Boiler	CEMs calibration, spans, and reporting.	N/A	CEMs calibration, spans, and reporting conform to regulatory monitoring requirements. Method: Continuous; Compliance: Continuous

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	01	Condition B.4.e) Monitoring 401 KAR 52:020, Section 10 and 40 CFR 60.49Da(b)	Indirect Heat Exchanger - Coal Fired Boiler	Use the sulfur dioxide CEMs to determine to determine sulfur dioxide control device inlet and outlet emissions.	N/A	Sulfur dioxide CEMs used to determine to determine sulfur dioxide control device inlet and outlet emissions. Method: Continuous; Compliance: Continuous
	01	Condition B.4.f) Monitoring 40 CFR 60.49Da(f)(1)	Indirect Heat Exchanger - Coal Fired Boiler	When emissions data are not obtained by CEMs, obtain data by using other approved monitoring systems.	N/A	When emissions data obtained by CEMs is not sufficient to meet minimum data requirements, data is obtained by using other approved monitoring systems. Method: Intermittent; Compliance: Continuous
	01	Condition B.4.g) Monitoring 40 CFR 76 and 40 CFR 60.49Da(c)(1) and (2)	Indirect Heat Exchanger - Coal Fired Boiler	If any 30 day rolling average nitrogen oxide value exceeds the standard, investigate cause and/or CEMs.	N/A	Control equipment and/or CEMs inspected and any necessary repairs made when the 30 day rolling average nitrogen oxide standard is exceeded. Method: Intermittent; Compliance: Continuous
	01	Condition B.4.h) Monitoring 40 CFR 60.49Da(e)	Indirect Heat Exchanger - Coal Fired Boiler	CEMs shall be operated and data recorded during all periods of operation.	N/A	CEMs operated and data recorded during all periods of operation with exception of breakdowns, repairs, calibration checks, and zero/span adjustments. Method: Continuous; Compliance: Continuous
	01	Condition B.4.i) Monitoring 401 KAR 52:020, Section 10	Indirect Heat Exchanger - Coal Fired Boiler	Monitor and record the duration of each start up and shutdown.	N/A	Each start up and shutdown duration monitored and recorded. Method: Intermittent; Compliance: Continuous
	01	Condition B.4.j) Monitoring 40 CFR 63.10010(d)	Indirect Heat Exchanger - Coal Fired Boiler	Install and operate a moisture monitoring system, if required.	N/A	CEM pollutant concentrations determined on a wet basis. Method: Continuous; Compliance: Continuous

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	01	Condition B.4.k) Monitoring 40 CFR 63.10020	Indirect Heat Exchanger - Coal Fired Boiler	Operate monitoring system and collect data at all required intervals at all times that the affected EGU is operating.	N/A	CEMs operated and data recorded during all periods of operation with exception of breakdowns, repairs, calibration checks, and zero/span adjustments. Method: Continuous; Compliance: Continuous
	01	Condition B.4.l) Monitoring 40 CFR 63.10000(d)(1)	Indirect Heat Exchanger - Coal Fired Boiler	If compliance is demonstrated through use of a CMS, where a CMS includes a CPMS as well as a CEMS, you must develop a site-specific monitoring plan.	N/A	CPMS not utilized. Particulate compliance demonstrated utilizing PMCEMS. Method: Continuous; Compliance: Continuous
	01	Condition B.4.m) Monitoring 40 CFR 63.10000(c)(2)(vi)	Indirect Heat Exchanger - Coal Fired Boiler	Install, certify, maintain, and operate a Hg CEMS for Emission Unit 01, in accordance with Appendix A of 40 CFR 63, Subpart UUUUU.	N/A	Hg Continuous Emissions Monitoring (Hg CEM) system in accordance with Appendix A to 40 CFR 63, Subaprt UUUUU. Method: Continuous; Compliance: Continuous
	01	Condition B.4.n) Monitoring 40 CFR 63.10005(d)(1)	Indirect Heat Exchanger - Coal Fired Boiler	Install, certify, maintain, and operate a PM CEMS for Emission Unit 01, in accordance with 40 CFR 63.10010(i).	N/A	Particulate matter continuous emission monitor (PM CEM) system in accordance with 40 CFR 63.10010(i). Method: Continuous; Compliance: Continuous
	01	Condition B.5.(a,b,c,d,e) Recordkeeping 401 KAR 59:005, 401 KAR 52:020, Section 10	Indirect Heat Exchanger - Coal Fired Boiler	Maintain records.	N/A	All required recordkeeping in Permit Section B-5, paragraphs (a) through (e) is kept in hardcopy file and/or electronic files. Method: Intermittent; Compliance: Continuous

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	01	Condition B.5.f) Recordkeeping 401 KAR 52:020, Section 10 40 CFR 63.10032(f)	Indirect Heat Exchanger - Coal Fired Boiler	Record startup/ shutdown type and duration, clean fuel capacity and heat input.	N/A	Records of start up and shutdown are maintained. Method: Intermittent; Compliance: Continuous
	01	Condition B.5.g) Recordkeeping 40 CFR 63.10032(a)	Indirect Heat Exchanger - Coal Fired Boiler	Keep records of Hg CEMS.	N/A	Records of Hg CEMS operation and maintenance are kept in hardcopy file and/or electronic files. Method: Intermittent; Compliance: Continuous
	01	Condition B.5.h) Recordkeeping 40 CFR 63.10032(a)(1)	Indirect Heat Exchanger - Coal Fired Boiler	Keep records of notifications and semiannual reports.	N/A	All required notifications and semiannual reports are kept in hardcopy file and/or electronic files. Method: Intermittent; Compliance: Continuous
	01	Condition B.5.i) Recordkeeping 40 CFR 63.10032(a)(2)	Indirect Heat Exchanger - Coal Fired Boiler	Keep records of performance tests and performance evaluations.	N/A	All required records are kept in hardcopy file and/or electronic files. Method: Intermittent; Compliance: Continuous
	01	Condition B.5.j) Recordkeeping 40 CFR 63.10032(b)	Indirect Heat Exchanger - Coal Fired Boiler	Keep records of CEMS operation, maintenance and deviations.	N/A	Records of CEMS operation and reports are kept in hardcopy file and/or electronic files. Method: Intermittent; Compliance: Continuous
	01	Condition B.5.k) Recordkeeping 40 CFR 63.10007(g)	Indirect Heat Exchanger - Coal Fired Boiler	If requested, make available to the EPA Administrator records of performance tests.	N/A	Records of performance tests are kept in hardcopy file and/or electronic files. Method: Intermittent; Compliance: Continuous
	01	Condition B.5.l) Recordkeeping 40 CFR 63.10010(i)(5)(ii)	Indirect Heat Exchanger - Coal Fired Boiler	Keep records of PM CEMS system performance audits, periods of out of control and corrective actions taken.	N/A	Records of PM CEMS audits and operation maintained. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.5.m) Recordkeeping 40 CFR 63.10032(d)(1) and (d)(2)	Indirect Heat Exchanger - Coal Fired Boiler	Maintain records of fuel use.	N/A	Records of fuel use kept. Method: Intermittent; Compliance: Continuous
	01	Condition B.5.n) Recordkeeping 40 CFR 63.10032(g)	Indirect Heat Exchanger - Coal Fired Boiler	Keep records of the occurrence and duration of each malfunction.	N/A	Records are kept of each malfunction of an operation, air pollution control and monitoring equipment. Method: Intermittent; Compliance: Continuous
	01	Condition B.5.o) Recordkeeping 40 CFR 63.10032(h)	Indirect Heat Exchanger - Coal Fired Boiler	Keep records of actions taken during periods of malfunction to minimize emissions.	N/A	Records of procedures to minimize emissions and corrective actions maintained. Method: Intermittent; Compliance: Continuous
	01	Condition B.5.p) Recordkeeping 40 CFR 63.10032(f) and (i)	Indirect Heat Exchanger - Coal Fired Boiler	Keep records of occurrence, duration and fuel used during startup or shutdown.	N/A	Records of occurrence, duration and fuel used during startup or shutdown kept. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.(a,b,c) Reporting 40 CFR 60.51Da	Indirect Heat Exchanger - Coal Fired Boiler	Submit required Part 60, Subpart Da reports.	N/A	All required reporting in Permit Section B-6, paragraphs (a) through (c) is included in either quarterly CEM reports or semi-annual Title V reports. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.(d) Reporting 40 CFR 63.10031(c)	Indirect Heat Exchanger - Coal Fired Boiler	MATS semi-annual compliance reports must contain the information required in 40 CFR 63.10031(c).	N/A	MATS semi-annual compliance reports contain the information required in 40 CFR 63.10031(c). Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.6.(e) Reporting 40 CFR 63, Subpart UUUUU, Table 8	Indirect Heat Exchanger - Coal Fired Boiler	During the reporting period, if there are no deviations a statement must be made in the report. Otherwise the report must contain the information in §63.10031(e).	N/A	Periods of deviations of applicable emission limitations, work practice standards, or CMS were out-of-control were reported. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.f) Reporting 40 CFR 63.10021(e)(9)	Indirect Heat Exchanger - Coal Fired Boiler	After April 16, 2017 report the date of tune-ups electronically to the Administrator.	N/A	The boiler tune-up reported in the initial compliance report. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.g) Reporting 40 CFR 63, Subpart UUUUU, Table 3	Indirect Heat Exchanger - Coal Fired Boiler	Provide reports concerning activities and periods of startup.	N/A	All required reporting is included in either quarterly CEM reports or MATS semi-annual compliance reports. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.h) Reporting 40 CFR 63.10033	Indirect Heat Exchanger - Coal Fired Boiler	Keep records for review.	N/A	All required reporting is maintained for a minimum of five years. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.(i) Reporting 40 CFR 63.10021(g)	Indirect Heat Exchanger - Coal Fired Boiler	Report each instance in which you did not meet an applicable emissions limit, operating limit or failed to conduct a required tune-up.	N/A	All required reporting is included in either quarterly CEM reports or MATS semi-annual compliance reports. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.(j) Reporting 40 CFR 63.10021(i)	Indirect Heat Exchanger - Coal Fired Boiler	Provide reports concerning activities and periods of startup and shutdown.	N/A	All required reporting is included in either quarterly CEM reports or MATS semi-annual compliance reports. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.6.(k) Reporting 40 CFR 63.10030(a)	Indirect Heat Exchanger - Coal Fired Boiler	Submit notifications of performance tests, performance evaluations and any delays.	N/A	All notifications submitted accordingly. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.(l) Reporting 40 CFR 63.10030(d)	Indirect Heat Exchanger - Coal Fired Boiler	Submit notifications of intent to conduct performance test at least 30 days prior to testing.	N/A	All notifications submitted accordingly. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.(m) Reporting 40 CFR 63.10030(e)	Indirect Heat Exchanger - Coal Fired Boiler	Submit required NOCS.	N/A	NOCS submitted October 20, 2016. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.(n) Reporting 40 CFR 63.10031(b)	Indirect Heat Exchanger - Coal Fired Boiler	Submit semiannual compliance reports.	N/A	Semiannual compliance reports submitted accordingly. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.(o) Reporting 40 CFR 63.10031(a)	Indirect Heat Exchanger - Coal Fired Boiler	Submit electronic Hg CEMS reports.	N/A	Hg CEMS reports submitted through ECMPS. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.(p) Reporting 40 CFR 63.10031(g)	Indirect Heat Exchanger - Coal Fired Boiler	Submit required malfunction reports.	N/A	Malfunctions leading to excess emissions identified by total hours of occurence and breif description by type within the semiannual compliance report. Method: Intermittent; Compliance: Continuous
	01	Condition B.6.(q) Reporting 40 CFR 63.10031(d)	Indirect Heat Exchanger - Coal Fired Boiler	Submit required Hg and PM CEMS excess emission reports.	N/A	All required reporting is included in either quarterly CEM reports or MATS semi-annual compliance reports. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	01	Condition B.6.(r) Reporting 40 CFR 63.10031(f)	Indirect Heat Exchanger - Coal Fired Boiler	Submit required performance test reports by PDF to ECMPS.	N/A	All required performance test reports by PDF to ECMPS. Method: Intermittent; Compliance: Continuous
	01	Condition 7.a) Specific Control Equipment Operating Conditions 401 KAR 50:055, Section 2	ESP, FGD and SCR Controlling Indirect Heat Exchanger	Operate and maintain the control equipment to comply with permitted emission limitations, consistent with manufacturer's specifications and good operating practices.	N/A	ESP, FGD and SCR operated and maintained accordingly. Method: Intermittent; Compliance: Continuous
	01	Condition 7.b) Specific Control Equipment Operating Conditions 401 KAR 52:020, Section 10 40 CFR 63.10032	ESP, WFGD, SCR and LNB Controlling Indirect Heat Exchanger	Keep maintenance records for control equipment.	N/A	ESP, WFGD, SCR and LNB system maintenance records kept in electronic maintenance software available for inspection upon request. Method: Intermittent; Compliance: Continuous
	01	Condition 7.c) Specific Control Equipment Operating Conditions	ESP, WFGD, SCR and LNB Controlling Indirect Heat Exchanger	N/A	N/A	See control equipment requirements in Condition E.
	02a	Condition B.1. Operating Limitation	Coal Conveying and Handling	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
01-10	02a	Condition B.2.a) Emission Limitations 401 KAR 59:010 Section 3(2)	Coal Conveying and Handling	Particulate matter emissions into the open air shall not exceed 64.2 lbs/hr based on a three hour average	< 64.2 lbs/hr	Compliance indication with coal processing rate less than maximum operating rate of 3600 tons per hour. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
01-10	02a	Condition B.2.b) Emission Limitations 40 CFR 60:254, 401 KAR 59:010 Section 3(1)(a)	Coal Conveying and Handling	Discharge of gasses into the atmosphere shall not exhibit 20 percent opacity or greater	< 20% Opacity	The monitoring, recordkeeping, and testing cited in the Title V permit are used to determine compliance with the opacity limits. Method: Intermittent; Compliance: Continuous
01-10	02a	Condition B.3.a) Testing Requirements 401 KAR 50:045	Coal Conveying and Handling	Testing shall be conducted at such times as may be required by the Cabinet.	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
01-10	02a	Condition B.3.b) Testing 401 KAR 52:020, Section 10	Coal Conveying and Handling	Conduct at least one Method 9 evaluation on each emission point stack, each calendar quarter to demonstrate compliance with the particulate standard	N/A	Method 9 evaluations conducted on each emission point stack, each calendar quarter, as well as Method 9 opacity tests required by Condition B.4.b). Method: Intermittent; Compliance: Continuous
01-10	02a	Condition B.4.a) Monitoring 401 KAR 52:020, Section 10	Coal Conveying and Handling	Monitor the amount of coal received and processed on a weekly basis.	N/A	Records of the amount of coal and petroleum coke received and processed are recorded. Method: Intermittent; Compliance: Continuous
01-10	02a	Condition B.4.b) Monitoring 401 KAR 52:020, Section 10	Coal Conveying and Handling	Perform weekly qualitative visual observations. If visible emissions are seen for two consecutive weeks, emissions are determined by Method 9.	No visible emissions seen	Weekly qualitative visual observations performed. If necessary, Method 9 opacity testing is performed for each stack when visible emissions are seen for two consecutive weeks. Method: Intermittent; Compliance: Continuous
01-10	02a	Condition B.5.a) Recordkeeping 401 KAR 52:020, Section 10	Coal Conveying and Handling	Maintain record of weekly coal and pet coke received and processed.	N/A	Records of the amount of coal and petroleum coke received and processed are maintained. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
01-10	02a	Condition B.5.b) Recordkeeping 401 KAR 52:020, Section 10	Coal Conveying and Handling	Maintain weekly log of visible emissions, Method 9 opacity testing, and necessary repairs.	N/A	Qualitative observations for visible emissions from each stack logged on weekly basis. Records of additional Method 9 testing are recorded. Any necessary repairs are logged. Method: Intermittent; Compliance: Continuous
01-10	02a	Condition B.6. Reporting	Coal Conveying and Handling	N/A	N/A	See reporting requirements in Conditions F.5 through F.8.
01-10	02a	Condition B.7.a) Specific Control Equipment Operating Conditions 401 KAR 50:055	Enclosures and Fabric Filters Controlling Coal Conveying and Handling	Operate and maintain control equipment to ensure compliance, and in accordance with manufacturer's specifications and/or SOPs.	N/A	Performance of weekly visual observations and quarterly Method 9 evaluations per Condition B.4(b) for EU2a. Records of control equipment maintenance. Method: Intermittent; Compliance: Continuous
01-10	02a	Condition B.7.b) Specific Control Equipment Operating Conditions 401 KAR 52:020, Section 10	Enclosures and Baghouses Controlling Coal Conveying and Handling	Keep maintenance records for control equipment.	N/A	Control equipment maintenance records are kept in corporate maintenance software databases and are available for inspection upon request. Method: Intermittent; Compliance: Continuous
01-10	02a	Condition B.7.c) Specific Control Equipment Operating Conditions	Control Equipment for Coal Conveying and Handling	N/A	N/A	Redundant requirement - See Condition B.7.a)
	02b	Condition B.1. Operating Limitation	Limestone Hauling and Conveying	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
01-08	02b	Condition B.2.a) Emission Limitations 401 KAR 59:010 Section 2	Limestone Hauling and Conveying	Particulate matter emissions into the open air shall not exceed 52.3 lbs/hr based on a three hour average	< 52.3 lbs/hr	Compliance indication with limestone processing rate less than maximum operating rate of 1000 tons per hour. Method: Intermittent; Compliance: Continuous
01-08	02b	Condition B.2.b) Emission Limitations 401 KAR 59:010 Section 1(a)	Limestone Hauling and Conveying	Discharge of gasses into the atmosphere shall not exhibit 20 percent opacity or greater	< 20% Opacity	The monitoring, recordkeeping, and testing cited in the Title V permit are used to determine compliance with the opacity limits. Method: Intermittent; Compliance: Continuous
01-08	02b	Condition B.3.a) Testing Requirements 40 CFR 64.4(c)(1)	Limestone Hauling and Conveying	Conduct performance test under conditions representative of maximum emissions potential.	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
01-08	02b	Condition B.3.b) Testing Requirements 401 KAR 50:045	Limestone Hauling and Conveying	Testing shall be conducted at such times as may be required by the Cabinet.	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
01-08	02b	Condition B.3.c) Testing 401 KAR 52:020, Section 10	Limestone Hauling and Conveying	Conduct at least one Method 9 evaluation on each emission point stack, each calendar quarter to demonstrate compliance with the particulate standard	N/A	Method 9 evaluations conducted on each emission point stack, each calendar quarter. Method: Intermittent; Compliance: Continuous
01-08	02b	Condition B.4.a) Monitoring 401 KAR 52:020, Section 10	Limestone Hauling and Conveying	Monitor the amount of limestone processed on a weekly basis.	N/A	Records of the amount of limestone received and processed are recorded. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
01-08	02b	Condition B.4.b) Monitoring 401 KAR 52:020, Section 10	Limestone Hauling and Conveying	Monitor the hours of operation on a weekly basis.	N/A	Records of limestone handling hours of operation are recorded. Method: Intermittent; Compliance: Continuous
01-08	02b	Condition B.4.c) Monitoring 40 CFR 64.4(a)(1)	Limestone Hauling and Conveying	If during daily qualitative visual observations, visible emissions are seen, emissions are determined by Method 9 and equipment inspected.	No visible emissions	Daily visual observations performed. If necessary, Method 9 opacity testing is performed for each stack when visible emissions are seen and equipment is inspected. Method: Intermittent; Compliance: Continuous
01-08	02b	Condition B.5.a) Recordkeeping 401 KAR 52:020, Section 10	Limestone Hauling and Conveying	Maintain record of weekly limestone received and processed.	N/A	Records of the amount of limestone received and processed are maintained. Method: Intermittent; Compliance: Continuous
01-08	02b	Condition B.5.b) Recordkeeping 401 KAR 52:020, Section 10	Limestone Hauling and Conveying	Maintain record of weekly limestone hours of operation.	N/A	Records of the amount of limestone hours of operation are maintained.
01-08	02b	Condition B.6.a) Reporting	Limestone Hauling and Conveying	N/A	N/A	See reporting requirements in Conditions F.5 through F.8.
01-08	02b	Condition B.7.a) Specific Control Equipment Operating Conditions 401 KAR 50:055, Section 2	Dust Collectors Controlling Limestone Hauling and Conveying	Operate and maintain control equipment to ensure compliance, and in accordance with manufacturer's specifications and/or SOPs.	N/A	Performance of weekly visual observations and quarterly Method 9 evaluations per Condition B.4(c) for EU2b. Records of control equipment maintenance. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
01-08	02b	Condition B.7.b) Specific Control Equipment Operating Conditions 401 KAR 59:055, Section 3(4)	Control Equipment for Limestone Hauling and Conveying	Keep maintenance records for control equipment.	N/A	Control equipment maintenance records are kept in corporate maintenance software databases and are available for inspection upon request. Method: Intermittent; Compliance: Continuous
01-08	02b	Condition B.7.c) Specific Control Equipment Operating Conditions	Control Equipment for Limestone Hauling and Conveying	N/A	N/A	Redundant requirement - See Condition B.7.a)
	03	Condition B.1. Operating Limitations	Coal and Limestone Haulage	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
Coal and Limestone Truck Unloading, Coal stockpiles, Haul Roads	03	Condition B.2.a) Emission Limitations 401 KAR 63:010 Section 3	Coal and Limestone Haulage	Reasonable precautions shall be taken to prevent particulate matter from becoming airborne	N/A	Daily observation records of process and controls. Use of water sprays to suppress dust emissions. Method: Intermittent; Compliance: Continuous
Coal and Limestone Truck Unloading, Coal stockpiles, Haul Roads	03	Condition B.2.b) Emission Limitations 401 KAR 63:010 Section 3	Coal and Limestone Haulage	Discharge of visible fugitive dust emissions beyond property line is prohibited	N/A	Daily observation records of process and controls. The amount of coal and limestone received and processed is recorded on a weekly basis. Method: Intermittent; Compliance: Continuous
Coal and Limestone Truck Unloading, Coal stockpiles, Haul Roads	03	Condition B.3. Testing	Coal and Limestone Haulage	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
Coal and Limestone Truck Unloading, Coal stockpiles, Haul Roads	03	Condition B.4. Monitoring 401 KAR 52:020, Section 10	Coal and Limestone Haulage	Monitor the amount of coal and limestone received and processed on a weekly basis	N/A	The amount of all coal and limestone received is monitored. Method: Intermittent; Compliance: Continuous
Coal and Limestone Truck Unloading, Coal stockpiles, Haul Roads	03	Condition B.5. Recordkeeping 401 KAR 52:020, Section 10	Coal and Limestone Haulage	Record amount of coal and limestone received and processed on a weekly basis.	N/A	The amount of all coal and limestone received is recorded. Method: Intermittent; Compliance: Continuous
Coal and Limestone Truck Unloading, Coal stockpiles, Haul Roads	03	Condition B.6. Reporting	Coal and Limestone Haulage	N/A	N/A	See reporting requirements in Conditions F.5 through F.8.
Coal and Limestone Truck Unloading, Coal stockpiles, Haul Roads	03	Condition B.7.a) Specific Control Equipment Operating Conditions 401 KAR 50:055	Water Spray, Compaction, and Telescopic Chutes Controlling Coal and Limestone Haulage	Operate control equipment to maintain compliance with applicable requirements, in accordance with manufacturer's specification.	N/A	All control equipment was operated accordingly. Method: Intermittent; Compliance: Continuous
Coal and Limestone Truck Unloading, Coal stockpiles, Haul Roads	03	Condition B.7.b) Specific Control Equipment Operating Conditions 401 KAR 52:020, Section 10	Water Spray, Compaction, and Telescopic Chutes Controlling Coal and Limestone Haulage	Keep maintenance records for control equipment.	N/A	Control equipment maintenance records are kept in corporate maintenance software databases and are available for inspection upon request. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
Coal and Limestone Truck Unloading, Coal stockpiles, Haul Roads	03	Condition B.7.c) Specific Control Equipment Operating Conditions	Water Spray, Compaction, and Telescopic Chutes Controlling Coal and Limestone Haulage	N/A	N/A	See control equipment requirements in Condition E.
	04	Condition B.1. Operating Limitations	Ash and Sludge Handling Operations	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
Sludge conveyors, Stockpiles, Truck loadouts, Haul Roads	04	Condition B.2.a) Emission Limitations 401 KAR 63:010 Section 3	Ash and Sludge Handling Operations	Reasonable precautions shall be taken to prevent particulate matter from becoming airborne	N/A	Weekly observation records of process and controls. Use of water sprays to suppress dust emissions. Method: Intermittent; Compliance: Continuous
Sludge conveyors, Stockpiles, Truck loadouts, Haul Roads	04	Condition B.2.b) Emission Limitations 401 KAR 63:010 Section 3	Ash and Sludge Handling Operations	Discharge of visible fugitive dust emissions beyond property line is prohibited	N/A	Weekly observation records of process and controls. Method: Intermittent; Compliance: Continuous
Sludge conveyors, Stockpiles, Truck loadouts, Haul Roads	04	Condition B.3. Testing	Ash and Sludge Handling Operations	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
Sludge conveyors, Stockpiles, Truck loadouts, Haul Roads	04	Condition B.4. Monitoring 401 KAR 52:020, Section 10	Ash and Sludge Handling Operations	Monitor the amount of material processed on a weekly basis.	N/A	The amount of material processed is monitored and recorded on a weekly basis. Method: Intermittent; Compliance: Continuous
Sludge conveyors, Stockpiles, Truck loadouts, Haul Roads	04	Condition B.5. Recordkeeping 401 KAR 52:020, Section 10	Ash and Sludge Handling Operations	Maintain record of amount of material processed.	N/A	The amount of material processed is monitored and recorded on a weekly basis. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
Sludge conveyors, Stockpiles, Truck loadouts, Haul Roads	04	Condition B.6. Reporting	Ash and Sludge Handling Operations	N/A	N/A	See reporting requirements in Conditions F.5 through F.8.
Sludge conveyors, Stockpiles, Truck loadouts, Haul Roads	04	Condition B.7.a) Specific Control Equipment Operating Conditions 401 KAR 50:055	Enclosures Controlling Ash and Sludge Handling Operations	Operate control equipment in accordance with manufacturers specifications, to maintain compliance with permitted standards.	N/A	All control equipment was operated accordingly. Method: Intermittent; Compliance: Continuous
Sludge conveyors, Stockpiles, Truck loadouts, Haul Roads	04	Condition B.7.b) Specific Control Equipment Operating Conditions 401 KAR 52:020, Section 10	Enclosures Controlling Ash and Sludge Handling Operations	Keep maintenance records for control equipment.	N/A	Control equipment maintenance records are kept in corporate maintenance software databases and are available for inspection upon request. Method: Intermittent; Compliance: Continuous
Sludge conveyors, Stockpiles, Truck loadouts, Haul Roads	04	Condition B.7.c) Specific Control Equipment Operating Conditions	Enclosures Controlling Ash and Sludge Handling Operations	N/A	N/A	See control equipment requirements in Condition E.
	05	Condition B.1. Operating Limitations 40 CFR 63.400(a)	Cooling Tower	To preclude the applicability of Subpart Q, no use of chromium-based water treatment chemicals.	N/A	Cooling towers not operated with chromium-based water treatment chemicals. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
W61	05	Condition B.2.a) Emission Limitations 401 KAR 63:010 Section 3	Cooling Tower	Reasonable precautions shall be taken to prevent particulate matter from becoming airborne	N/A	Monthly observation records of process. Cooling water usage monitored and recorded on a monthly basis. Method: Intermittent; Compliance: Continuous
W61	05	Condition B.2.b) Emission Limitations 401 KAR 63:010 Section 3	Cooling Tower	Discharge of visible fugitive dust emissions beyond property line is prohibited	N/A	Monthly observation records of process. Cooling water usage monitored and recorded on a monthly basis. Method: Intermittent; Compliance: Continuous
W61	05	Condition B.3. Testing	Cooling Tower	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
W61	05	Condition B.4. Monitoring 401 KAR 52:020, Section 10	Cooling Tower	Monitor the cooling water usage rate and total dissolved solids content on monthly basis.	N/A	Cooling water usage monitored and and total dissolved solids content recorded on a monthly basis. Method: Intermittent; Compliance: Continuous
W61	05	Condition B.5. Record Keeping 401 KAR 52:020, Section 10	Cooling Tower	Record the amount of cooling water usageand total dissolved solids content on monthly basis.	N/A	Records of cooling water usage and total dissolved solids content are kept. Method: Intermittent; Compliance: Continuous
W61	05	Condition B.6. Reporting	Cooling Tower	N/A	N/A	See reporting requirements in Conditions F.5 through F.8.
Diesel-Fired Emergency Firewater Pump	06	Condition B.1.a) 1) Operating Limitations 40 CFR 63.6602 and 40 CFR 63.6625(h)	Existing CI Emergency RICE <500 HP	Change oil and filter every 500 hours of operation or annually, whichever comes first.	N/A	Oil and filter changed annually. Method: Intermittent; Compliance: Continuous
	06	Condition B.1.a) 2) Operating Limitations 40 CFR 63.6602 and 40 CFR 63.6625(h)	Existing CI Emergency RICE <500 HP	Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first.	N/A	Air filter inspected annually. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	06	Condition B.1.a) 3) Operating Limitations 40 CFR 63.6602 and 40 CFR 63.6625(h)	Existing CI Emergency RICE <500 HP	Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	N/A	Diesel fire pump engine is liquid cooled with fire pump water. No belts or hoses utilized for this engine. Method: Intermittent; Compliance: Continuous
	06	Condition B.1.a) 4) Operating Limitations 40 CFR 63.6602 and 40 CFR 63.6625(h)	Existing CI Emergency RICE <500 HP	Minimize time spent at idle and startup time to a period needed for appropriate and safe loading, not to exceed 30 minutes.	N/A	Compliance with stated obligations. Method: Intermittent; Compliance: Continuous
	06	Condition B.1.b) Operating Limitations 40 CFR 63.6640(f)	Existing CI Emergency RICE <500 HP	Any operation other than emergency operation, maintenance/testing, and non-emergency operation is limited to no more than 50 hours per year. Maintenance checks, readiness testing limited to 100 hours per year.	N/A	Operation limited to emergency operation. Monitor and record the number of hours used for maintenance checks and readiness testing. Method: Intermittent; Compliance: Continuous
	06	Condition B.1.c) Operating Limitations 40 CFR 63.6625(e)	Existing CI Emergency RICE <500 HP	Operate and maintain engines according to manufacturer's instructions or develop and follow own maintenance plan.	N/A	Operate and maintain engine according to own maintenance plan. Method: Intermittent; Compliance: Continuous
	06	Condition B.1.d) Operating Limitations 40 CFR 63.6605(a)	Existing CI Emergency RICE <500 HP	Comply with emission limitations and operating limitations at all times.	N/A	Compliance with stated obligations. Method: Intermittent; Compliance: Continuous
	06	Condition B.2. Emission Limitations	Existing CI Emergency RICE <500 HP	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	06	Condition B.3. Testing	Existing CI Emergency RICE <500 HP	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	06	Condition B.4.a) Monitoring 40 CFR 63.6625(f)	Existing CI Emergency RICE <500 HP	Install a non-resettable hour meter if one is not already installed.	N/A	Non-resettable hour meter installed. Method: Continuous; Compliance: Continuous
	06	Condition B.4.b) Monitoring 40 CFR 63.6625(i)	Existing CI Emergency RICE <500 HP	Optional utilization of oil analysis program in order to extend the specified oil change requirement	N/A	Optional oil analysis program not utilized. Operate and maintain engine according to own maintenance plan. Method: Intermittent; Compliance: Continuous
	06	Condition B.4.c) Monitoring 401 KAR 52:020, Section 10	Existing CI Emergency RICE <500 HP	Monitor the amount of fuel used and hours of operation on a monthly basis.	N/A	Fuel usage and hours of operation monitored on a monthly basis. Method: Intermittent; Compliance: Continuous
	06	Condition B.5.a) Recordkeeping 40 CFR 63.6655(a)	Existing CI Emergency RICE <500 HP	Maintain records of each submitted notification and report, the occurrence and duration of each malfunction of operation of the air pollution control and monitoring equipment, performance tests and evaluations, all required maintenance, actions taken during period of malfunction to minimize emissions.	N/A	Records of operation and maintenance kept. Method: Intermittent; Compliance: Continuous
	06	Condition B.5.b) Recordkeeping 40 CFR 63.6655(e)	Existing CI Emergency RICE <500 HP	Keep maintenance records for engine.	N/A	Records of operation and maintenance kept. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	06	Condition B.5.c) Recordkeeping 40 CFR 63.6655(f)(1)	Existing CI Emergency RICE <500 HP	Maintain records of hours of operation recorded through non-resettable hour meter. Document how many hours are for emergency (including reason for classification as emergency) and non-emergency operation. If applicable, maintain records of notification of emergency situation and time engines operated as part of demand response.	N/A	Continuous Data - Non-resettable hour meter records the hours of operation. Intermittent Data - Records of operational mode and maintenance will be kept. Method: Intermittent; Compliance: Continuous
	06	Condition B.6.a) Reporting 40 CFR 63.6640(b)	Existing CI Emergency RICE <500 HP	Report each instance in which operating limitations have not been met.	N/A	Submission of deviation reports as required. Method: Intermittent; Compliance: Continuous
	06	Condition B.6.b) Reporting 40 CFR 63.6645(a)(5)	Existing CI Emergency RICE <500 HP	Report each instance in which the applicable requirements of Table 8 of 40 CFR 63 Subpart ZZZZ have not been met. Notifications in 40 CFR 63.7(b)-(c), 40 CFR 63.8(e),(f)(4),(f)(6), 40 CFR 63.9(b)-(e),(g) are not required.	N/A	Existing emergency stationary RICE do not need to comply with any of the requirements of the General Provisions specified in Table 8 as stated in 40 CFR 63.6665.
	06	Condition B.6.c) Reporting	Existing CI Emergency RICE <500 HP	N/A	N/A	See reporting requirements in Section F.

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
Diesel-Fired Emergency Generator	07	Condition B.1.a) Operating Limitations 40 CFR 63.6640(f)(2)(i)	Existing CI Emergency RICE >500 HP	RICE may be operated for recommended maintenance checks and readiness testing. Must petition the Administrator for approval of additional hours beyond 100 hours per calendar year.	N/A	Maintenance checks and readiness testing operation less than 100 hours per year. Method: Intermittent; Compliance: Continuous
	07	Condition B.1.b) Operating Limitations 40 CFR 63.6640(f)	Existing CI Emergency RICE >500 HP	There is no time limit on the use of emergency stationary RICE in emergency situations. Any operation other than emergency operation, maintenance/testing, and non-emergency operation is limited to no more than 50 hours per year. Maintenance checks, readiness testing limited to 100 hours per year.	N/A	Operation limited to emergency operation. Monitor and record the number of hours used for maintenance checks and readiness testing. Method: Intermittent; Compliance: Continuous
	07	Condition B.1.c) Operating Limitations 40 CFR 63.6605(b)	Existing CI Emergency RICE >500 HP	At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.	N/A	Compliance with stated obligations. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	07	Condition B.1.d) Operating Limitations 40 CFR 63.6604(b)	Existing CI Emergency RICE >500 HP	Use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel.	N/A	Ultra low sulfur diesel utilized meets the the requirements in 40 CFR 80.510(b) for nonroad diesel fuel. Method: Intermittent; Compliance: Continuous
	07	Condition B.2. Emission Limitations	Existing CI Emergency RICE >500 HP	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	07	Condition B.3. Testing	Existing CI Emergency RICE >500 HP	None	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	07	Condition B.4.a) Monitoring 401 KAR 52:020, Section 10	Existing CI Emergency RICE >500 HP	Monitor the amount of fuel used on a monthly basis.	N/A	Fuel usage based on engine rating and hours of operation monitored. Method: Intermittent; Compliance: Continuous
	07	Condition B.4.b) Monitoring 401 KAR 52:020, Section 10	Existing CI Emergency RICE >500 HP	Monitor the hours of operation on a monthly basis.	N/A	Non-resettable hour meter records the hours of operation. Method: Continuous; Compliance: Continuous
	07	Condition B.5.a) Recordkeeping 401 KAR 52:020, Section 10	Existing CI Emergency RICE >500 HP	Maintain records of the amount of fuel used on a monthly basis.	N/A	Records of fuel usage and hours of operation maintained. Method: Intermittent; Compliance: Continuous
	07	Condition B.5.b) Recordkeeping 401 KAR 52:020, Section 10	Existing CI Emergency RICE >500 HP	Maintain records of the hours of operation on a monthly basis.	N/A	Records of hours of operation maintained. Method: Intermittent; Compliance: Continuous
	07	Condition B.6.a) Reporting	Existing CI Emergency RICE >500 HP	N/A	N/A	See reporting requirements in Section F.

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	07	Condition B.6.b) Reporting 40 CFR 63.6645(a)(3)	Existing CI Emergency RICE >500 HP	Submit required notifications.	N/A	Notifications not required for the existing stationary emergency RICE. [40 CFR 63.6645(a)(5)]
	IA's 1-27	Condition C. INSIGNIFICANT ACTIVITIES 401 KAR 52:020, Section 6	Insignificant Activities at D. B. Wilson Station	Process and emission control equipment at each significant activity subject to an opacity standard shall be inspected monthly and a qualitative visible emission evaluation made. Record the results of inspection, evaluation, and any corrective action.	N/A	Insignificant activity process and emission control inspected monthly and qualitative visible emission evaluations made as applicable. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition D.1. 401 KAR 52:020 Section 26	N/A (General Provision)	N/A	N/A	Compliance with annual emissions and processing limitations are based on emissions calculated on a monthly and twelve consecutive month basis. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	Source Wide	Condition D.2. Reference Methods, 40 CFR Chapter I, or SIP Regulations	N/A (General Provision)	PM, SO2, NOx and visual (opacity) emissions shall not exceed the respective limitations specified.	N/A	Comparison of test results to applicable emission limitation specified herein. Method: Intermittent; Compliance: Continuous
	4All Listed Control for Emission Sources associated with Emission Units 1-7	Condition E. Source Control Equipment Requirements 401 KAR 51:055, Section 2(5)	Emission Units 01 - 04	At all times including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.	N/A	Daily observation records of process and controls. Records regarding the maintenance of the control equipment. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition F.1. MRR Requirements 401 KAR 52:020, Section 26	N/A (General Provision)	Compile appropriate information during testing and instrumental monitoring (e.g., date of analyses, entity completing, results, etc.).	N/A	Adherence to proper documentation procedures during testing and monitoring. Proper archival of records. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition F.2. MRR Requirements 401 KAR 52:020, Section 26	N/A (General Provision)	Retain required records for at least 5 years and make available for inspection as needed.	N/A	Maintaining proper maintenance and archival procedures for records generated in support of the Title V permit. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition F.3. MRR Requirements 401 KAR 52:020,	N/A (General Provision)	Provide physical and monitoring access to Cabinet representatives.	N/A	Adherence to stated obligations. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	Source Wide	Condition F.4. MRR Requirements	N/A (General Provision)	Allow authorized representatives to carry out official duties without interference.	N/A	Adherence to stated obligations. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition F.5. MRR Requirements 401 KAR 52:020, Section 26	N/A (General Provision)	Prepare and submit summary reports of monitoring every 6 months.	N/A	Submittal of semiannual monitoring reports as required. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition F.6. MRR Requirements 401 KAR 59:005, Section 3(3); 52:020, Section 23	N/A (General Provision)	Submit semiannual monitoring reports by January 30th and July 30th. Identify all deviations in report.	N/A	Submittal of semiannual monitoring reports by the dates specified as required. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition F.7. MRR Requirements 401 KAR 50:055, Section 1	N/A (General Provision)	Notify Regional Office of startup, shutdown and malfunction events when emissions may be in excess of standards.	N/A	Tracking SSM events and preparation and submittal notifications as required. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition F.8. MRR Requirements 401 KAR 52:020, Section 26	N/A (General Provision)	Report within 30 days emission exceedances from permit requirements to Regional Office and include deviations in semi-annual report.	N/A	Tracking SSM events and other upsets that may lead to excess emissions. Preparation and submittal of notification reports as required. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition F.9. MRR Requirements 401 KAR 52:020, Section 21	N/A (General Provision)	Certify compliance with terms and conditions in permit annually.	N/A	Submittal of certification report as required. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition F.10. MRR Requirements 401 KAR 52:020, Section 22	N/A (General Provision)	Provide information necessary to determine subject emissions within 30 days of the date the KYEIS survey is mailed to permittee.	N/A	Submittal of KYEIS survey response as required. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	Source Wide	Condition G.1.a. General Compliance 401 KAR 52:020, Section 26	N/A (General Provision)	Comply with all conditions of this permit.	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.b. General Compliance 401 KAR 52:020, Section 26	N/A (General Provision)	Filing of a request for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition.	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.c. General Compliance	N/A (General Provision)	This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:020, Section 19	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.d. General Compliance 401 KAR 52:020, Section 26	N/A (General Provision)	Furnish information upon request of Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating permit, or for determining compliance.	N/A	Response to Cabinet requests as appropriate. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.1.e. General Compliance 401 KAR 52:020, Section 3(1)(c)	N/A (General Provision)	Demonstrate compliance with applicable requirements if requested by the cabinet	N/A	Response to Cabinet requests as appropriate. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	Source Wide	Condition G.1.f. General Compliance 401 KAR 52:020, Section 7(1)	N/A (General Provision)	Promptly submit information to agency upon becoming aware of relevant omissions or mistakes in information included in permit application.	N/A	Adherence to stated obligations. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.1.g. General Compliance 401 KAR 52:020, Section 26	N/A (General Provision)	Any condition of this permit which becomes suspended or is ruled invalid shall not invalidate other conditions of this permit.	N/A	Adherence to stated obligations. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.1.h. General Compliance 401 KAR 52:020, Section 26	N/A (General Provision)	The contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance shall not be used as a defense in an enforcement action.	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.i. General Compliance 401 KAR 52:020, Section 26	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.j. General Compliance 401 KAR 52:020, Section 26	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.k. General Compliance 401 KAR 52:020, Section 11(3) 2	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	Source Wide	Condition G.1.l. General Compliance 401 KAR 52:020, Section 26	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.m. General Compliance	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.n. General Compliance 401 KAR 52:020, Section 11(3) 4	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.o. General Compliance 401 KAR 52:020, Section 11(3) 1	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.p. General Compliance	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.1.q. General Compliance 401 KAR 52:020, Section 11	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.2.a Permit Renewal 52:020, Section 12	N/A (General Provision)	Submit Title V renewal application at least 6 months prior to expiration.	N/A	Title V Permit V-16-013 expires June 20, 2021. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.2.b Permit Completeness 52:020, Section 8(2)	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.3.a Permit Revisions 52:020, Section 14(2)	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.3.b Permit Revisions NA	N/A (General Provision)	Obtain a new permit from Division upon transfer of ownership or operation of facility.	N/A	Submit a permit application to the Division to request a change of ownership as necessary. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	Source Wide	Condition G.4. Construction, Start-Up, and Initial Compliance Demonstration	N/A (General Provision)	No construction authorized for this permit.	N/A	Construction of new WFGD determined unnecessary as stated in a letter to the Division dated March 1, 2016.
	Source Wide	Condition G.5.a Testing 50:045, Section 2; 50:045 Section 7	N/A (General Provision)	Submit a completed Compliance Test Protocol form, DEP form 6028, or a test protocol a source has developed for submission to other regulatory agencies, in a format approved by the cabinet, to the Division's Frankfort Central Office a minimum of sixty (60) days prior to the scheduled test date. Pursuant to 401 KAR 50:045, Section 7, the Division shall be notified of the actual test date at least Thirty (30) days prior to the test.	N/A	Submittal of test protocols and test date notifications as required. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.5.b Testing 50:045, Section 5	N/A (General Provision)	If production during testing less than maximum specified in permit application, limit operating to rate not greater than 110% of test value, or alternatively, conduct a new performance test.	N/A	Submittal of performance test reports with production rate compared to maximum capacity. Method: Intermittent; Compliance: Continuous

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Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	Source Wide	Condition G.5.c Testing	N/A (General Provision)	Results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days or sooner if required by an applicable standard, after the completion of the fieldwork.	N/A	Submittal of performance test reports as required. Method: Intermittent; Compliance: Continuous
	W1	Condition G.6.a Acid Rain Program	D B Wilson Plant: W1	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	W1	Condition G.6.b Acid Rain Program	D B Wilson Plant: W1	See Condition J.	See Condition J.	See Acid Rain Permit Requirements in Condition J.
	Source Wide	Condition G.7.(a. - c.) Emergency Provisions 401 KAR 52:020, Section 24(1-3)	N/A (General Provision)	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	Source Wide	Condition G.8.a.(1) ODS Requirements 40 CFR 82.156	N/A (General Provision)	Comply with required work practices when opening appliances for maintenance, service, repair or disposal.	N/A	Adherence to procedures for handling ODS containing equipment. All refrigeration work performed by certified contractor on Blanket PO. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.8.a.(2) ODS Requirements 40 CFR 82.158	N/A (General Provision)	Ensure that equipment used during maintenance, service, repair or disposal of appliances complies with standards for recycling and recovery equipment.	N/A	Adherence to procedures for handling ODS containing equipment. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	Source Wide	Condition G.8.a.(3) ODS Requirements 40 CFR 82.161	N/A (General Provision)	Ensure persons performing maintenance, service, repair or disposal of appliances is properly certified.	N/A	Adherence to procedures for handling ODS containing equipment. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.8.a.(4) ODS Requirements 40 CFR 82.166	N/A (General Provision)	Persons disposing of ODS containing equipment shall comply with recordkeeping requirements of 40 CFR 82.166	N/A	Adherence to procedures for handling ODS containing equipment. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.8.a.(5) ODS Requirements 40 CFR 82.156	N/A (General Provision)	Comply with leak repair requirements for commercial or industrial process refrigeration equipment.	N/A	Adherence to procedures for handling ODS containing equipment. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.8.a.(6) ODS Requirements 40 CFR 82.166	N/A (General Provision)	Keep records of refrigerant purchased and added to appliances containing 50 or more lbs.	N/A	Adherence to procedures for handling ODS containing equipment. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.8.b. ODS Requirements 40 CFR 82 Subpart B	N/A (General Provision)	Comply with all applicable requirements of 40 CFR 82 Subpart B when servicing motor vehicle air conditioners.	N/A	Adherence to procedures for handling ODS containing equipment. All refrigeration work performed by certified contractor on Blanket PO. Method: Intermittent; Compliance: Continuous
	Source Wide	Condition G.9.(a. - b.) 401 KAR 68	N/A (General Provision)	Comply with applicable requirements of Risk Management Plan Program and submit a Risk Management Plan if required or requested.	N/A	Submittal of RMP as required. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	W1	Condition J.1) 401 KAR 52:020, Permits, 401 KAR 52:060, Acid Rain Permit, and Federal Regulation 40 CFR Part 76	D B Wilson Plant: W1	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	W1	Condition J.2. Permit Requirements 40 CFR 72.9(a)(2)	D B Wilson Plant: W1	Comply with the standard requirements and special provisions set forth in the application.	N/A	Submittal of Acid Rain Permit Application, Phase II NOx Compliance Plan and the Phase II NOx Averaging Plan as required. BREC submitted revised applications for both NOx plans on March 23, 2016. BREC submitted a renewal application for the Acid Rain Permit at the same time as submission of the associated Title V permit renewal application in December 2011. Method: Intermittent; Compliance: Continuous
	W1	Condition J.3. SO_2 Allowance 401 KAR 52:060; Tables 2, 3, or 4 of 40 CFR 73	D B Wilson Plant: W1	Comply with W1's allowance as specified in 40 CFR 73.10(b)(2), which is 12,487 tons of SO_2 for 2018.	5,063.9 tons of SO_2 from W1	Adherence to the monitoring, recordkeeping, and reporting as specified in BREC's Acid Rain Permit renewal application dated December 5, 2011. Year End Data submitted to EPA Headquarters and associated SO_2 Allowances Retired. BREC utilizes emission allowances from units that operate in a surplus mode to cover for other BREC units that may operate in a deficit mode during the year. Method: Intermittent; Compliance: Continuous
	W1	Condition J.3. NO_X Requirements 401 KAR 52:060; 40 CFR 76	D B Wilson Plant: W1	Use of NO_X Averaging Plan, which is the actual BTU-weighted annual average as 0.49 lb/MMBtu.	System Avg = 0.15 lb/MMBtu	Adherence to the monitoring, recordkeeping, and reporting as specified in BREC's Phase II NO_X Compliance Plan and the Phase II NO_X Averaging Plan, both dated March 23, 2016. Year End Data submitted to EPA Headquarters and system-weighted average is calculated. Method: Intermittent; Compliance: Continuous
	W1	Condition J.4.a. Compliance Plan 40 CFR 72.9	D B Wilson Plant: W1	Comply with the standard requirements and special provisions set forth in the application.	N/A	Redundant requirement - See Condition J.2.

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	W1	Condition J.4.b. Compliance Plan 40 CFR 76	D B Wilson Plant: W1	Division approves the NO_X Averaging Plan for these units for the NO_X Emissions Compliance Plan, effective the date of the Title V Permit.	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	W1	Condition K.1. 401 KAR 51:210, 51:220, and 51:230 401 KAR 52:020, Section 3	D B Wilson Plant: W1	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	W1	Condition K.2. CAIR Trading Program 401 KAR 51:210 401 KAR 52:020, Section 3	D B Wilson Plant: W1	Operate in compliance with requirements of the CAIR Trading Program	N/A	N/A - CAIR was replaced by the Cross-State Air Pollution Rule.
	W1	Condition K.3. Description	D B Wilson Plant: W1	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	W1	Condition K.4. Summary of Actions	D B Wilson Plant: W1	N/A	N/A	CAIR Permit issued as part of BREC's Title V permit. Method: Intermittent; Compliance: Continuous
	W1	Condition L.1. Description	D B Wilson Plant: W1	N/A	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	W1	Condition L.2. CSPAR 40 CFR 75.53, 40 CFR 75.62, 40 CFR 75.73	D B Wilson Plant: W1	Submit monitoring plan	N/A	Part 75 monitoring plan submitted. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	W1	Condition L.3. CSPAR	D B Wilson Plant: W1	Use of alternative monitoring system requires a petition requesting approval.	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	W1	Condition L.4. CSPAR	D B Wilson Plant: W1	Use of alternative monitoring, recordkeeping, or reporting requirement requires a petition requesting approval.	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	W1	Condition L.5. CSPAR	D B Wilson Plant: W1	Minor permit modification procedures may be used to add or change this unit's monitoring system description.	N/A	N/A - Permit condition is a statement of fact and/or agency procedure.
	W1	Condition L.5. CSPAR NO_X Annual Trading Program 40 CFR 97.406	D B Wilson Plant: W1	Operate in compliance with requirements of the 2018 CSPAR NO_X Annual Trading Program, which allocates 2,645 tons.	1,147.9 tons	Adherence to the monitoring, recordkeeping, and reporting as required for CSPAR. Year end emissions data submitted to EPA Headquarters and compared to allocations. BREC utilizes emission allowances from units that operate in a surplus mode during the CSPAR seasons to cover for other BREC units that may operate in a deficit mode during the CSPAR season. BREC only purchases additional CSPAR emission allowances when the system as a whole operates in a deficit mode during a particular CSPAR season. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(1) Emission Units in Compliance. The following emission units are in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below and will continue to comply.
If additional space is needed, attach and label as exhibit DEP7007CC 8a)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance & whether continuous or intermittent *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	W1	Condition L.5. CSPAR NOX Ozone Season Trading Program 40 CFR 97.506	D B Wilson Plant: W1	Operate in compliance with requirements of the 2018 CSPAR NO_X Ozone Season Trading Program, which allocates 534 tons.	606.2 tons	Adherence to the monitoring, recordkeeping, and reporting as required for CSPAR. Year end emissions data submitted to EPA Headquarters and compared to allocations. BREC utilizes emission allowances from units that operate in a surplus mode during the CSPAR seasons to cover for other BREC units that may operate in a deficit mode during the CSPAR season. BREC only purchases additional CSPAR emission allowances when the system as a whole operates in a deficit mode during a particular CSPAR season. Method: Intermittent; Compliance: Continuous
	W1	Condition L.5. CSPAR SO_2 Trading Program 40 CFR 97.606	D B Wilson Plant: W1	Operate in compliance with requirements of the 2018 CSPAR SO_2 Trading Program, which allocates 3,614 tons to W1 and 13,643 tons System-Wide.	5,063.9 tons from W1 and 10,026.5 tons system-wide	Adherence to the monitoring, recordkeeping, and reporting as required for CSPAR. Year end emissions data submitted to EPA Headquarters and compared to allocations. BREC utilizes emission allowances from units that operate in a surplus mode during the CSPAR seasons to cover for other BREC units that may operate in a deficit mode during the CSPAR season. BREC only purchases additional CSPAR emission allowances when the system as a whole operates in a deficit mode during a particular CSPAR season. Method: Intermittent; Compliance: Continuous

8) IDENTIFICATION OF EMISSION UNITS

8a)(2) Emission Units in Compliance but Subject to Future Compliance Dates. The following emission units, which are currently in compliance with all applicable requirements, will achieve compliance on a timely basis and maintain compliance with future compliance dates as they become applicable during the permit term.
If additional space is needed, attach and label as *exhibit DEP7007CC 8a)(2)*.

Emission Point ID#	Emission Unit ID#	Future Compliance Schedule	Emission Unit Description	Reason for Future Compliance Date
	None Applicable			

ID # # 21-183-00069

8) IDENTIFICATION OF EMISSION UNITS (continued)

8b)(1) Emission Units Not in Compliance. The following emission units were not in compliance with applicable requirements such as emission standards, emission control requirements, emission testing, court requirements, work practices, or enhanced monitoring, based on the compliance methods specified below.
If additional space is needed, attach and label as exhibit DEP7007CC 8b)(1)

Emission Point ID#	Emission Unit ID#	Permit Condition or Applicable Regulation	Emission Unit Description	Permit Limit	Actual Emissions	Method used for Determining Compliance *(such as test methods, monitoring procedures, recordkeeping and reporting)*
	None Applicable					

8) IDENTIFICATION OF EMISSION UNITS (continued)

8b)(2) Emission Units Not in Compliance. For the above listed emission units that were not in continuous compliance since the last reporting period, state the reasons for noncompliance. *If additional space is needed, attach and label as exhibit DEP7007CC 8b)(2)*

Emission Point ID#	Emission Unit ID#	Reason(s) for Noncompliance
	None Applicable	

ID #	# 21-183-00069

9) SIGNATURE BLOCK

I, THE UNDERSIGNED, HEREBY CERTIFY UNDER PENALTY OF LAW, THAT I AM A RESPONSIBLE OFFICIAL, AND THAT I HAVE PERSONALLY EXAMINED, AND AM FAMILIAR WITH, THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ITS ATTACHMENTS. BASED ON MY INQUIRY OF THOSE INDIVIDUALS WITH PRIMARY RESPONSIBILITY FOR OBTAINING THE INFORMATION, I CERTIFY THAT THE INFORMATION IS ON KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE OR INCOMPLETE INFORMATION, INCLUDING THE POSSIBILITY OF FINE OR IMPRISONMENT.

BY: Nathan A Berry
AUTHORIZED SIGNATURE

01/30/2019
DATE

Nathan Berry
TYPED OR PRINTED NAME OF SIGNATORY

Plant Manager, Wilson Station
Big Rivers Electric Corporation
TITLE OF SIGNATORY