associated electric cooperative, inc.

2814 S. Golden, P.O. Box 754
Springfield, Missouri 65801-0754
417-881-1204 FAX 417-885-9252

RECEIVED
2015 APR 30 AM 11: 33
AIR POLLUTION
CONTROL PGM

April 22, 2015

Mr. Michael Stansfield
Missouri Department of Natural Resources
Air Pollution Control Program
1101 Riverside Drive
Jefferson City, MO 65101

RE: Installation ID Number 143-0004 – Application for New Madrid Title V Renewal, Operating Permit OP2010-116B

Dear Mr. Stansfield:

Associated Electric Cooperative, Inc. (AECI) is submitting the Title V Renewal Application for the New Madrid Power Plant. This renewal package is submitted in advance of the May 1, 2015 deadline, as the current Title V Operating Permit is set to expire on November 1, 2015.

AECI requests that the terms and conditions of the existing Title V Operating Permit, OP2010-11B, be incorporated into the renewed permit along with the following proposed modifications:

1) Maximum Achievable Control Technology Standard (MACT) Applicability
AECI has conducted an applicability review of National Emissions Standards for Hazardous Air Pollutants (NESHAPS), 40 CFR Part 63 Subpart UUUUU, and 40 CFR Part 63 Subpart DDDDD on emissions units at New Madrid Power Plant that may be affected.

a) **40 CFR Part 63 Subpart UUUUU, National *Emission Standards for Hazardous Air Pollutants for Major Sources: Coal and Oil-Fired Electric Utility Steam Generating Units***

40 CFR Part 63 Subpart UUUUU, Mercury and Air Toxics Standards (MATS) rule, is applicable to New Madrid Power Plant's Unit #1 Boiler Stack (EU0010) and Unit #2 Boiler Stack (EU0020). Form OP-D03 and OP-D05 have been included as part of this renewal application. The conditions of this subpart have already been incorporated into AECI's Thomas Hill Energy Center (FIPS# 175-0001, Permit #OP2010-126A) and have been included as Attachment B. Attachment B has been provided as part of this application for reference so that Missouri DNR may incorporate similar language to that of Thomas Hill Energy Center into the Part 70 Permit Renewal for New Madrid Power Plant.

Additionally, New Madrid Power Plant has been granted a one year extension by the Missouri Department of Natural Resources Air Pollution Control Program. The approved compliance date for New Madrid Power Plant is April 16, 2016. The extension letter is attached as Attachment C for your reference.

b) 40 CFR Part 63, Subpart DDDDD, *National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters*

New Madrid Power Plant operates two 2.4 MMBtu/hr, No. 2 fuel fired Tioga Heaters (EU0290 and EU0300). The heaters are used for space heating only and do not meet the definition of a process heater per 40 CFR 63.7575, and therefore are not subject to this subpart.

2) Request to Include Alternate Operating Scenario - Temporary Rental Heaters

AECI requests that Missouri DNR allow an Alternate Operating Scenario to bring onsite, one or more, temporary heaters rented from an outside vendor for use during extreme cold weather conditions. The heaters would be used for the purpose of equipment protection. The heaters would provide space heat to the lower areas of Boiler Unit #1 and Boiler Unit #2. The heaters selected for rental would likely be similar to the permanent Tioga Heaters (EU 0290 and EU0300). The heaters should be allowed to be obtained from the rental equipment vendor in advance of the winter season.

3) Compliance Assurance Monitoring Plan Revision

In preparation for the upcoming MATS rule compliance date, targeted maintenance activities are currently being conducted on the Unit #2 Electrostatic Precipitators (ESP), and are planned for Unit #1 ESP in 2016. Unit #2 ESP maintenance is targeted for completion by June 2015. The Unit #1 ESP maintenance is scheduled to be completed during Spring 2016.

Following the completion of ESP maintenance activities, AECI will schedule PM stack testing to validate and reset the curve that was established in the Compliance Assurance Monitoring (CAM) Plan. A revised CAM plan will be submitted to Missouri DNR following the testing.

4) CAIR Application – Transition to CSAPR

Permit Condition EU0010-006 and EU0020-006 of the existing New Madrid Title V permit indicates that the application for a Title V renewal should include a CAIR renewal application. With the transition from the Clean Air Interstate Rule (CAIR) to the Cross State Air Pollution Rule (CSAPR), AECI contacted Mike Stansfield with Missouri DNR to request direction on how to proceed with the CAIR application. Per Mike Stansfield, AECI will hold off on submitting the CAIR application. AECI requests notification from Missouri DNR when the new CSAPR application has been received from the EPA. AECI will then submit the CSAPR application to Missouri DNR so that the CSAPR regulations may be incorporated into the Title V permit renewal.

5) Modifications to Emission Units List

Please refer to Attachment D for proposed changes to Emission Units with Limitations and proposed changes to Emissions Units without Limitations.

6) Acid Rain Permit Application

Please see Attachment E for the renewal Acid Rain Permit Application that is required as part of this Title V Renewal application per Permit Condition EU0010-005 and EU0020-005.

Please find enclosed one (1) copy with original signatures and a second copy for your convenience. The $100.00 application fee is provided with the application package as well.

If you have any questions please contact Sharon Peterson at (417) 885-9321 or by email at speterson@aeci.org.

Sincerely,

Tadd Henry
Air Quality Supervisor/Alternate Designated Representative

Attachment A

Title V / Part 70 Permit Application - Renewal

FM #8009038 122006

Associated Electric Coop, Inc

To: MO DEPARTMENT OF NATURAl V025474

Check Number: 00169191

Date: 04/23/2015

Invoice Number	Date	Description	Amount	Discount	Paid Amount
10000-04222015	04/22/2015	New Madrid Title V Renewal	$100.00	$0.00	$100.00

TOTALS:	$100.00	$0.00	$100.00

FOR SECURITY PURPOSES, THE FACE OF THIS DOCUMENT CONTAINS A BLUE-PURPLE BACKGROUND PRINTED ON TRUE WATERMARK PAPER

aeci

Commerce Bank
Kansas City, St. Joseph

Associated Electric Coop, Inc

P. O. Box 754
Springfield, MO 65801

36-1870/1012

00169191

Apr 23, 2015

AMOUNT
$100.00

Pay One Hundred Dollars and 00 Cents

to the Order of:

MO DEPARTMENT OF NATURAL RESOURCES

1659 EAST ELM
JEFFERSON CITY, MO 651020176

SIGNATURE HAS A BLUE-PURPLE BACKGROUND • BORDER CONTAINS MICROPRINTING

⑈00169191⑈ ⑆101218704⑆ 430000360⑈

RECEIVED

2015 APR 30 AM 11:33

AIR POLLUTION CONTROL PGM

COPY

FOR OFFICE USE ONLY	
FILING FEE	
CHECK NUMBER 00169191	CHECK RECEIVED 4-30-15
CHECK AMOUNT $100.00	CHECK DATE 4-23-15
PROJECT NUMBER	

MISSOURI DEPARTMENT OF NATURAL RESOURCES
AIR POLLUTION CONTROL PROGRAM

APPLICATION FOR AUTHORITY TO OPERATE

NOTE: Please read all instructions to assist in completing all forms properly.

FORM OP-A01 – Section A

A01.00 – GENERAL APPLICATION INFORMATION

All applications MUST be in duplicate and accompanied by a single $100 filling fee.

1. INSTALLATION NAME: *NEW MADRID POWER PLANT*	FIPS: *143*	PLANT NUMBER: *0004*	YEAR SUBMITTED: *2015*
INSTALLATION STREET ADDRESS: *41 ST JUDE ROAD*		COUNTY NAME: *NEW MADRID*	
CITY: *MARSTON*	STATE: *MO* / ZIP CODE: *63866*	INSTALLATION TELEPHONE NUMBER WITH AREA CODE: *(573) 643-2211*	
INSTALLATION MAILING ADDRESS: *P.O. BOX 156*		INSTALLATION FAX NUMBER WITH AREA CODE: *(573) 643-2001*	
CITY: *NEW MADRID*	STATE: *MO* / ZIP CODE: *63869*	MO SENATORIAL DISTRICT NUMBER: *25*	
INSTALLATION CONTACT PERSON: MR. X MS. ☐ *JAY WELLS*		MO REPRESENTATIVE DISTRICT NUMBER: *161*	
CONTACT PERSON TITLE: *SAFETY AND ENVIRONMENTAL COORDINATOR*		CONTACT PERSON EMAIL: *JWELLS@AECI.ORG*	
2. PARENT COMPANY NAME: *ASSOCIATED ELECTRIC COOPERATIVE, INC.*		MAILING ADDRESS: *P.O. BOX 754*	
CITY: *SPRINGFIELD*		STATE: *MO*	ZIP CODE: *65801*
PARENT COMPANY CONTACT PERSON: MR. X MS. ☐ *TADD HENRY*		TELEPHONE NUMBER WITH AREA CODE: *(417) 885-9222*	
PARENT COMPANY CONTACT PERSON TITLE: *SUPERVISOR, AIR QUALITY*		CONTACT PERSON EMAIL: *THENRY@AECI.ORG*	

3. TYPE OF APPLICATION

☐ PART 70 (MAJOR)
- ☐ Initial
- X Renewal
- ☐ Off-Permit Change
- ☐ Administrative Amendment
- ☐ Minor Modification
- ☐ Significant Modification

☐ INTERMEDIATE STATE
- ☐ Initial
- ☐ Renewal
- ☐ Amendment

☐ BASIC STATE
- ☐ Initial
- ☐ Renewal
- ☐ Amendment

4. APPLICANT'S CERTIFICATION STATEMENT

"I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete."

SIGNATURE OF RESPONSIBLE OFFICIAL OF COMPANY: Roger Neumeyer	DATE: 04/23/15
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL: Mr. X Ms. ☐ *ROGER NEUMEYER*	TELEPHONE NUMBER: *(573) 643-2211*
OFFICIAL TITLE OF RESPONSIBLE OFFICIAL: *PLANT MANAGER*	RESPONSIBLE OFFICIAL EMAIL: *RNEUMEYER@AECI.ORG*

FORM OP-D03 – EMISSION UNIT INFORMATION – SECTION D

D03.10 – BOILERS, FURNACES AND OTHER INDIRECT HEATING SOURCES

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
NEW MADRID POWER PLANT	*143*	*0004*	*2015*

EMISSION UNIT ID	EIQ REFERENCE NUMBER	SOURCE CLASSIFICATION CODE
EU0010 & EU0020	*EP-01 & EP-02*	*10100223*

1. EMISSION UNIT DESCRIPTION

INSTALLATION'S NAME FOR THIS EMISSION UNIT
UNIT 1 (EU0010/EP-01) AND UNIT 2 (EU0020/EP-02)

DESCRIPTION OF EMISSION UNIT
UNIT #1 BOILER STACK; UNIT #2 BOILER STACK

MANUFACTURER	MODEL NO./SERIAL NO.
BABCOCK AND WILCOX	*RB-466(UNIT 1) AND RB-483(UNIT 2)*

CONSTRUCTION DATE	MAXIMUM HOURLY DESIGN RATE
UNIT 1 IN SERVICE DATE: 1972 *UNIT 2 IN SERVICE DATE: 1977*	*6340 mmBtu/hr (UNIT 1)* *6340 mmBtu/hr (UNIT 2)*

2. FUEL DATA

PRIMARY FUEL TYPE AND GRADE	MAXIMUM SULFUR CONTENT
COAL (SUBBITUMINOUS)	*0.2 - 0.4* %
SECONDARY FUEL TYPE AND GRADE	MAXIMUM SULFUR CONTENT
FUEL OIL GRADES NO 1 AND 2	*0.5* %

3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT

CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY
RESEARCH-COTTRELL ESP (HIGH EFFICIENCY) (CD-01)	*PM*	*99* %
ADDITIONAL CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY
SCR – BLACK AND VEATCH AND JS ALBERICI (JOINT EFFORT)	*NOX*	*93* %

4. APPLICABLE REQUIREMENTS

POLLUTANT	APPLICABLE REQUIREMENT AUTHORITY (e.g, CSR#, CFR#, PERMIT NO.)	EMISSION LIMIT OR STANDARD (INCLUDING UNITS)
HAPS	*40 CSR PART 63 SUBPART UUUUU*	*INCLUDE LIMITS AND REQUIREMENTS AS REFERENCED IN ATTACHMENT B - AECI THOMAS HILL, PERMIT #: OP2010-126A, PERMIT CONDITION 007*

DUPLICATE THIS FORM AS NEEDED

FORM OP-D04 – ALTERNATE OPERATING SCENARIO/VOLUNTARY CONDITIONS – SECTION D

D04.00 – ALTERNATE OPERATING SCENARIO/VOLUNTARY CONDITIONS

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
NEW MADRID POWER PLANT	*143*	*0004*	*2015*

EMISSION UNIT ID	EIQ REFERENCE NUMBER (ID)	SOURCE CLASSIFICATION CODE (SCC)
TEMPORARY RENTAL HEATERS	*N/A*	

1. ALTERNATE OPERATING SCENARIO (FLEXIBILITY)

ALTERNATE SCENARIO ID	SIC CODE ASSOCIATED WITH SCENARIO
TBD	

DESCRIPTION

DURING PERIODS OF EXTREME COLD WEATHER, TEMPORARY RENTAL HEATERS MAY BE OPERATED TO PROVIDE SPACE HEAT TO THE LOWER AREAS OF BOILER UNIT #1 AND BOILER UNIT #2 TO PREVENT FREEZING. HEATERS MAY BE OBTAINED FROM THE RENTAL PROVIDER IN ADVANCE OF THE WINTER SEASON.

FACILITY WILL MAINTAIN QUANTITY OF FUEL CONSUMPTION BY HEATER(S), OR LOG HOURS OF OPERATION.

FACILITY WILL MAINTAIN AN ACCURATE RECORD OF THE SULFUR CONTENT OF FUEL USED. FUEL PURCHASE RECEIPTS, ANALYZED SAMPLES, OR CERTIFICATIONS THAT VERIFY THE FUEL TYPE AND SULFUR CONTENT WILL BE ACCEPTABLE.

2. VOLUNTARY PERMIT CONDITIONS

POLLUTANT CONTROLLED	LIMITATION
PM, SO2	*FUELS THAT MAY BE BURNED IN THE HEATER(S) SHALL BE LIMITED TO FUELS WITH A SULFUR CONTENT OF NO MORE THAN 0.5 PERCENT BY WEIGHT SULFUR.*

DUPLICATE THIS FORM AS NEEDED

FORM OP-D05 – COMPLIANCE DETERMINATION METHODS – SECTION D

D05.00 – COMPLIANCE DETERMINATION

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
NEW MADRID POWER PLANT	*143*	*0004*	*2015*

EMISSION UNIT ID	EIQ REFERENCE NUMBER (ID)	SOURCE CLASSIFICATION CODE (SCC)
EU0010 & EU0020	*EP-01 & EP-02*	*10100223*

1. APPLICABLE REQUIREMENT

APPLICABLE REQUIREMENT	POLLUTANT(S)
40 CSR PART 63 SUBPART UUUUU	*HAPS*

EMISSION LIMITATION OR STANDARD

WORK PRACTICE STANDARDS (Tune-ups), CONTINUOUS MONITORING SYSTEM, STACK TESTING

2. TESTING

DATE	TEST METHOD
PRIOR TO APRIL 16, 2016 OR WITHIN 180 DAYS THEREAFTER	*APPROVED METHOD PER 40 CFR PART 63, SUBPART UUUUU*

SUMMARY OF RESULTS

TBD

3. MONITORING

PARAMETER MONITORED	MONITORING METHOD
FILTERABLE PARTICULATE MATTER (PM), HYDROGEN CHLORIDE (HCL), MERCURY (HG)	*APPROVED METHOD PER 40 CFR PART 63, SUBPART UUUUU*

MONITORING SCHEDULE

INITIAL AND SUBSEQUENT MONITORING SCHEDULE PER 40 CFR PART 63, SUBPART UUUUU

4. RECORD KEEPING

PARAMETER RECORDED	RECORD KEEPING METHOD
FILTERABLE PM OR TOTAL NON-HG HAP METALS, HYDROGEN CHLORIDE, MERCURY	*WRITTEN OR ELECTRONIC FORM PER 40 CFR PART 63, SUBPART UUUUU*

RECORD KEEPING SCHEDULE

RECORDKEEPING SCHEDULE PER PER 40 CFR PART 63, SUBPART UUUUU. RECORDS SHALL BE RETAINED FOR FIVE YEARS.

5. REPORTING

REPORTING REQUIREMENT	REPORTING SCHEDULE
NOTIFICATIONS, SEMI ANNUAL MONITORING REPORT AND COMPLIANCE CERTIFICATION, ELECTRONIC CONTINUOUS EMISSIONS REPORT, EXCESS EMISSIONS REPORT, PERFORMANCE TEST REPORT	*PER 63.10031 AND TABLE 8 OF 40 CFR PART 63, SUBPART UUUUU*

DUPLICATE THIS FORM AS NEEDED

FORM OP-E01 – COMPLIANCE PLAN/STATUS – SECTION E

E01.00 – COMPLIANCE PLAN/STATUS

INSTALLATION NAME	FIPS	PLANT NO.	YEAR SUBMITTED
NEW MADRID POWER PLANT	*143*	*0004*	*2015*

Completion of this form of the operating permit forms package is mandatory for all sources. Complete this form once for each application.

1. COMPLIANCE STATUS WITH ALL APPLICABLE REQUIREMENTS EFFECTIVE AT THE TIME OF THE ISSUANCE OF THIS PERMIT.

WILL YOUR INSTALLATION BE IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS AT THE TIME OF THE PERMIT ISSUANCE AND CONTINUE TO COMPLY WITH THESE REQUIREMENTS FOR THE DURATION OF THE PERMIT?

YES ***X*** NO ☐ (IF NO, COMPLETE A COMPLIANCE PLAN AS DESCRIBED IN THE INSTRUCTIONS ON FORM OP–F01.00)

2. COMPLIANCE STATUS WITH ALL APPLICABLE REQUIREMENTS EFFECTIVE DURING THE PERMIT TERM.

WILL YOUR INSTALLATION BE IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS TAKING EFFECT DURING THE TERM OF THE PERMIT?

YES ***X*** NO ☐ (IF NO, COMPLETE A COMPLIANCE PLAN AS DESCRIBED IN THE INSTRUCTIONS ON FORM OP–F01.00)

3. COMPLIANCE STATUS WITH ENHANCED MONITORING AND COMPLIANCE CERTIFICATION.

IS THE INSTALLATION IDENTIFIED IN THIS APPLICATION IN COMPLIANCE WITH ALL APPLICABLE ENHANCED MONITORING AND COMPLIANCE CERTIFICATION REQUIREMENTS?

YES ***X*** NO ☐ (IF NO, COMPLETE A COMPLIANCE PLAN AS DESCRIBED IN THE INSTRUCTIONS ON FORM OP–F01.00)

4. SCHEDULE OF SUBMISSION OF COMPLIANCE CERTIFICATION DURING THE PERMIT TERM.

FREQUENCY OF SUBMITTALS	BEGINNING DATE
ANNUALLY	*4/1/2015*

5. CERTIFICATION STATEMENT FOR PART 70 MINOR PERMIT MODIFICATIONS.

I hereby certify that this request for a permit modification meets the criteria described in 10 csr 10-6.065(5)(e)5.b.(i) for minor permit modifications, and request that the minor permit modification procedures be followed.

SIGNATURE OF RESPONSIBLE OFFICIAL OF COMPANY	DATE

6. CERTIFICATION OF COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS.

Except for requirements identified in the above statement for which compliance is not achieved, I hereby certify that, based on information and belief formed after reasonable inquiry, the air contaminant source identified in this application is in compliance with all applicable requirements.

SIGNATURE OF RESPONSIBLE OFFICIAL OF COMPANY	DATE
Roger Neumeyer	04/23/15

TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL	OFFICIAL TITLE OF RESPONSIBLE OFFICIAL
Mr. ***X*** Ms. ☐ ***ROGER NEUMEYER***	***PLANT MANAGER***

Attachment B

MATS Conditions from AECI's
Thomas Hill Energy Center
Permit #OP2010-126A

3. Instead of paper records, the permittee may maintain records on alternative media, such as microfilm, computer files, magnetic tape disks, or microfiche, provided that the use of such alternative media allows for expeditious inspection and review, and does not conflict with other applicable recordkeeping requirements. [§64.9(b)(2)]
4. All records shall be kept for no less than five years and be made available immediately to any Missouri Department of Natural Resources' personnel upon request.

Reporting:

1. The permittee shall comply with the recordkeeping requirements specified in §70.6(a)(3)(ii). The permittee shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to §64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under this part (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). [§64.9(b)(1)]
2. The permittee shall notify the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, at least ten days prior to any maintenance, start-up, or shutdown activity, which is expected to cause an excess release of emissions that exceeds one hour. If notification cannot be given ten days prior to any maintenance, start-up, or shutdown activity, which is expected to cause an excess release of emissions that exceeds one hour, notification shall be given as soon as practicable prior to the maintenance, start-up, or shutdown activity. If prior notification is not given for any maintenance, start-up, or shutdown activity which resulted in an excess release of emissions that exceeded one hour, notification shall be given within two business days of the release. Any other condition that results in non-compliance with the permit terms stated in this section shall be reported within ten days of the permittee becoming aware of the condition.
3. The permittee shall report any deviations from the emission limitations, operational limitation, recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report and annual compliance certification required by Section V of this permit.

PERMIT CONDITION 007

10 CSR 10-6.075 Maximum Achievable Control Technology Regulations
40 CFR Part 63, Subpart UUUUU – National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units

Emission Unit	Description	Stack #
EP01	Boiler 1	1
EP02	Boiler 2	2
EP03	Boiler 3	3

Applicability:

EP01 Boiler 1, EP02 Boiler 2, and EP03 Boiler 3 meet the definition of a coal-fired electric utility steam generating unit (EGU) within §63.10042. The boilers were constructed in 1966, 1969, and 1977, respectively, classifying them as existing coal-fired EGU and affected sources per §63.9982(a)(1). The boilers combust coal with a heat content in excess of 8,300 Btu/lb meeting the subcategory of non-low rank virgin coal in §63.9990(a)(1).

Compliance Dates:

1. The permittee shall comply with 40 CFR Part 63, Subpart UUUUU by no later than April 16, 2015. [§63.9984(b)]

2. The permittee may apply for an extension allowing up to one additional year to comply with the standards. [CAA §112(i)(3)(B)]
3. The permittee shall meet the notification requirements in §63.10030 according to the schedule in §63.10030 and in 40 CFR Part 63, Subpart A. Some of the notifications must be submitted before the permittee is required to comply with the emission limits and work practice standards. [§63.9984(c)]
4. The permittee shall demonstrate that compliance has been achieved, by conducting the required performance tests and other activities, no later than 180 days after April 16, 2015. [§63.9984(f)]

Emission Limitations and Work Practice Standards:

1. The permittee shall meet the following requirements at all times: [§63.9991(a)]
   a) The permittee shall meet each emission limit and work practice standard in Tables 2 and 3 of 40 CFR Part 63, Subpart UUUUU that applies, except as provided under §63.10009. [§63.9991(a)(1)]
   b) The permittee shall meet each operating limit in Table 4 of 40 CFR Part 63, Subpart UUUUU that applies. [§63.9991(a)(2)]
2. As provided in §63.6(g), the Administrator may approve use of an alternative to the work practice standards. [§63.9991(b)]
3. The permittee may use the alternate SO_2 limit in Table 2 of 40 CFR Part 63, Subpart UUUUU only if the EGU: [§63.9991(c)]
   a) Has a system using wet or dry flue gas desulfurization technology and SO_2 continuous emissions monitoring system (CEMS) installed on the unit; and [§63.9991(c)(1)]
   b) At all times, the permittee operates the wet or dry flue gas desulfurization technology installed on the unit consistent with §63.10000(b). [§63.9991(c)(2)]

40 CFR Part 63, Subpart UUUUU Table 2 - *Emission Limits for Existing EGUs*

[As stated in § 63.9991, the permittee shall comply with the following applicable emission limits][1]

Pollutants (a, b, and c)		Emission Limit
a. Filterable particular matter (PM)		0.030 lb/MMBtu or 0.30 lb/MWh[2]
OR Total non-Hg HAP metals		0.000050 lb/MMBtu or 0.50 lb/GWh
OR Individual HAP metals:	Antimony (Sb)	0.80 lb/TBtu or 0.0080 lb/GWh
	Arsenic (As)	1.1 lb/TBtu or 0.020 lb/GWh
	Beryllium (Be)	0.20 lb/TBtu or 0.0020 lb/GWh
	Cadmium (Cd)	0.30 lb/TBtu or 0.0030 lb/GWh
	Chromium (Cr)	2.8 lb/TBtu or 0.030 lb/GWh
	Cobalt (Co)	0.80 lb/TBtu or 0.0080 lb/GWh
	Lead (Pb)	1.2 lb/TBtu or 0.020 lb/GWh
	Manganese (Mn)	4.0 lb/TBtu or 0.050 lb/GWh
	Nickel (Ni)	3.5 lb/TBtu or 0.040 lb/GWh
	Selenium (Se)	5.0 lb/TBtu or 0.060 lb/GWh
AND b. Hydrogen Chloride (HCl)		0.0020 lb/MMBtu or 0.020 lb/MWh
OR Sulfur Dioxide (SO_2)[4]		0.20 lb/MMBtu or 1.5 lb/MWh
AND c. Mercury (Hg)		1.2 lb/TBtu or 0.013 lb/GWh

[1]For LEE emissions testing for total PM, total HAP metals, individual HAP metals, and HCl, the required minimum sampling volume shall be increased nominally by a factor of two.
[2]Gross electric output.
[3]Incorporated by reference, see §63.14.
[4]The permittee may not use the alternate SO_2 limit if the EGU does not have some form of FGD system and SO_2 CEMS installed.

40 CFR Part 63, Subpart UUUUU Table 3 – *Work Practice Standards*
[As stated in § 63.9991, the permittee shall comply with the following applicable work practice standards]

EGU	Work Practice Standards
Existing EGU	Conduct a tune-up of the EGU burner and combustion controls at least each 36 calendar months, or 48 calendar months if neural network combustion optimization software is employed, as specified in §63.10021(e).
Coal-fired EGUs during startup	The permittee shall operate all CMS during startup. Startup means either the first-ever firing of fuel in a boiler for the purpose of producing electricity, or the firing of fuel in a boiler after a shutdown event for any purpose. Startup ends when any of the steam from the boiler is used to generate electricity for sale over the grid or for any other purpose (including on site use). For startup of a unit, the permittee shall use clean fuels, either natural gas or distillate oil or a combination of clean fuels for ignition. Once the permittee converts to firing coal, the permittee shall engage all of the applicable control technologies except dry scrubber and SCR. The permittee shall start the dry scrubber and SCR systems, if present, appropriately to comply with relevant standards applicable during normal operation. The permittee shall comply with all applicable emissions limits at all times except for periods that meet the definitions of startup and shutdown. The permittee shall retain records during periods of startup. The permittee shall provide reports concerning activities and periods of startup, as specified in §63.10011(g) and § 63.10021(h) and (i).
Coal-fired EGUs during shutdown	The permittee shall operate all CMS during shutdown. Shutdown means the cessation of operation of a boiler for any purpose. Shutdown begins either when none of the steam from the boiler is used to generate electricity for sale over the grid or for any other purpose (including on-site use) or at the point of no fuel being fired in the boiler. Shutdown ends when there is both no electricity being generated and no fuel being fired in the boiler. During shutdown, the permittee shall operate all applicable control technologies while firing coal. The permittee shall comply with all applicable emissions limits at all times except for periods that meet the definitions of startup and shutdown. The permittee shall retain records during periods of startup. The permittee shall provide reports concerning activities and periods of startup, as specified in § 63.10011(g) and § 63.10021(h) and (i).

40 CFR Part 63, Subpart UUUUU Table 4 - *Operating Limits for Existing EGUs*
[As stated in § 63.9991, the permittee shall comply with the following applicable operating limits]

Method of Compliance	Operating Limits
PM CPMS	Maintain the 30-boiler operating day rolling average PM CPMS output at or below the highest 1-hour average measured during the most recent performance test demonstrating compliance with the filterable PM, total non-mercury HAP metals, individual non-mercury HAP metals emissions limitation(s).

General Requirements:

1. The permittee shall be in compliance with the emission limits and operating limits. These limits apply at all times except during periods of startup and shutdown; however, for coal-fired EGUs, the permittee is required to meet the work practice requirements in Table 3 of 40 CFR Part 63, Subpart UUUUU during periods of startup or shutdown. [§63.10000(a)]
2. At all times the permittee shall 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. Determination of whether such operation and maintenance procedures are being used will be based on information available to the EPA Administrator which may include, but is not limited to, monitoring results, review of operation and

maintenance procedures, review of operation and maintenance records, and inspection of the source. [§63.10000(b)]

3. Initial performance testing is required for all pollutants, to demonstrate compliance with the applicable emission limits. [§63.10000(c)(1)]
   a) The permittee may conduct the initial performance testing in accordance with §63.10005(h), to determine whether the unit qualifies as a low emitting EGU (LEE) for one or more applicable emissions limits, with the following exception: [§63.10000(c)(1)(i)]
      i) The permittee may not pursue the LEE option if the coal-fired EGU is equipped with an acid gas scrubber and has a main stack and bypass stack exhaust configuration, and [§63.10000(c)(1)(i)(A)]
   b) For a qualifying LEE for Hg emissions limits, the permittee shall conduct a 30-day performance test using Method 30B at least once every 12 calendar months to demonstrate continued LEE status. [§63.10000(c)(1)(ii)]
   c) For a qualifying LEE of any other applicable emissions limits, the permittee shall conduct a performance test at least once every 36 calendar months to demonstrate continued LEE status. [§63.10000(c)(1)(iii)]
   d) If the coal-fired EGU does not qualify as a LEE for total non-mercury HAP metals, individual non-mercury HAP metals, or filterable particulate matter (PM), the permittee shall demonstrate compliance through an initial performance test and the permittee shall monitor continuous performance through either use of a particulate matter continuous parametric monitoring system (PM CPMS), a PM CEMS, or compliance performance testing repeated quarterly. [§63.10000(c)(1)(iv)]
      i) If the permittee elects to use PM CPMS, the permittee will establish a site-specific operating limit corresponding to the results of the performance test demonstrating compliance with the pollutant with which the permittee chooses to comply: total non-mercury HAP metals, individual non-mercury HAP metals or filterable PM. The permittee will use the PM CPMS to demonstrate continuous compliance with this operating limit. If the permittee elects to use a PM CPMS, the permittee shall repeat the performance test annually for the selected pollutant limit and reassess and adjust the site-specific operating limit in accordance with the results of the performance test. [§63.10000(c)(1)(iv)(A)]
      ii) The permittee may also opt to install and operate a PM CEMS certified in accordance with Performance Specification 11 and Procedure 2 of 40 CFR Part 60, Appendices B and F, respectively, in accordance with §63.10010(i). [§63.10000(c)(1)(iv)(B)]
   e) If the coal-fired EGU does not qualify as a LEE for HCl, the permittee may demonstrate initial and continuous compliance through use of an HCl CEMS, installed and operated in accordance with Appendix B of 40 CFR Part 63, Subpart UUUUU. As an alternative to HCl CEMS, the permittee may demonstrate initial and continuous compliance by conducting an initial and periodic quarterly performance stack test for HCl. If the EGU uses wet or dry flue gas desulfurization technology (this includes limestone injection into a fluidized bed combustion unit), the permittee may apply a second alternative to HCl CEMS by installing and operating a SO_2 CEMS in accordance with 40 CFR Part 75 to demonstrate compliance with the applicable SO_2 emissions limit. [§63.10000(c)(1)(v)]
   f) If the coal-fired EGU does not qualify as a LEE for Hg, the permittee shall demonstrate initial and continuous compliance through use of a Hg CEMS or a sorbent trap monitoring system, in accordance with Appendix A of 40 CFR Part 63, Subpart UUUUU. [§63.10000(c)(1)(vi)]
4. If the permittee demonstrates compliance with any applicable emissions limit through use of a continuous monitoring system (CMS), where a CMS includes a continuous parameter monitoring

system (CPMS) as well as a continuous emissions monitoring system (CEMS), the permittee shall develop a site-specific monitoring plan and submit this site-specific monitoring plan, if requested, at least 60 days before the initial performance evaluation (where applicable) of the CMS. This requirement also applies if the permittee petitions the Administrator for alternative monitoring parameters under §63.8(f). This requirement to develop and submit a site-specific monitoring plan does not apply to affected sources with existing monitoring plans that apply to CEMS and CPMS prepared under Appendix B to 40 CFR Part 60 or 75, and that meet the requirements of §63.10010. Using the process described in §63.8(f)(4), the permittee may request approval of monitoring system quality assurance and quality control procedures alternative to those specified and, if approved, include those in the site-specific monitoring plan. The monitoring plan shall address all of the following provisions: [§63.10000(d)(1)]

a) The site-specific monitoring plan shall include the information specified in §63.10000(d)(5)(i) through (vii). Alternatively, the requirements of §63.10000(d)(5)(i) through (vii) are considered to be met for a particular CMS or sorbent trap monitoring system if: [§63.10000(d)(2)]
   i) The CMS or sorbent trap monitoring system is installed, certified, maintained, operated, and quality-assured either according to 40 CFR Part 75, or Appendix A or B of 40 CFR Part 63, Subpart UUUUU; and [§63.10000(d)(2)(i)]
   ii) The recordkeeping and reporting requirements of 40 CFR Part 75, or Appendix A or B of 40 CFR Part 63, Subpart UUUUU, that pertain to the CMS are met. [§63.10000(d)(2)(ii)]
b) If requested by the Administrator, the permittee shall submit the monitoring plan (or relevant portion of the plan) at least 60 days before the initial performance evaluation of a particular CMS, except where the CMS has already undergone a performance evaluation that meets the requirements of §63.10010 (e.g., if the CMS was previously certified under another program). [§63.10000(d)(3)]
c) The permittee shall operate and maintain the CMS according to the site-specific monitoring plan. [§63.10000(d)(4)]
d) The provisions of the site-specific monitoring plan shall address the following items: [§63.10000(d)(5)]
   i) Installation of the CEMS or sorbent trap monitoring system sampling probe or other interface at a measurement location relative to each affected process unit such that the measurement is representative of control of the exhaust emissions (e.g., on or downstream of the last control device). See §63.10010(a) for further details. For PM CPMS installations, follow the procedures in §63.10010(h). [§63.10000(d)(5)(i)]
   ii) Performance and equipment specifications for the sample interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction systems. [§63.10000(d)(5)(ii)]
   iii) Schedule for conducting initial and periodic performance evaluations. [§63.10000(d)(5)(iii)]
   iv) Performance evaluation procedures and acceptance criteria (e.g., calibrations), including the quality control program in accordance with the general requirements of §63.8(d). [§63.10000(d)(5)(iv)]
   v) On-going operation and maintenance procedures, in accordance with the general requirements of §63.8(c)(1)(ii), (3), and (4)(ii). [§63.10000(d)(5)(v)]
   vi) Conditions that define a CMS that is out of control consistent with §63.8(c)(7)(i) and for responding to out of control periods consistent with §63.8(c)(7)(ii) and (8). [§63.10000(d)(5)(vi)]

vii) On-going recordkeeping and reporting procedures, in accordance with the general requirements of §63.10(c), (e)(1), and (e)(2)(i), or as specifically required. [§63.10000(d)(5)(vii)]

5. As part of the demonstration of continuous compliance, the permittee shall perform periodic tune-ups of the EGU(s), according to §63.10021(e). [§63.10000(e)]
6. The permittee is subject to the requirements for at least six months following the last date the emission unit met the definition of an EGU (e.g., six months after a cogeneration unit provided more than one third of its potential electrical output capacity and more than 25 MW electrical output to any power distribution system for sale). The permittee may opt to remain subject to the provisions of 40 CFR Part 63, Subpart UUUUU beyond six months after the last date the emission unit met the definition of an EGU. [§63.10000(f)]
7. If the emission unit no longer meets the definition of an EGU the permittee shall be in compliance with any newly applicable standards on the date the permittee is no longer subject. The date the permittee is no longer subject to 40 CFR Part 63, Subpart UUUUU is a date selected by the permittee, that shall be at least six months from the date that the emission unit last met the definition of an EGU. The permittee shall remain in compliance with 40 CFR Part 63, Subpart UUUUU until the date the permittee selects to cease complying. [§63.10000(g)]
8. If it has been at least six months since the emission unit was operated in a manner that caused the emission unit to meet the definition of an EGU, the permittee may, consistent with §63.10000(g), select the date on which the EGU will no longer be subject. The permittee shall be in compliance with any newly applicable Section 112 or 129 standards on the date the permittee selected. [§63.10000(i)(1)]
9. The permittee shall provide 30 days prior notice of the date the EGU will cease complying. The notification shall identify: [§63.10000(i)(2)]
   a) The name of the owner or operator of the EGU(s), the location of the facility, the EGU(s) that will cease complying, and the date of the notice; [§63.10000(i)(2)(i)]
   b) The currently applicable subcategory, and any 40 CFR Part 60, 62, or 63 subpart and subcategory that will be applicable after the permittee ceases complying; [§63.10000(i)(2)(ii)]
   c) The date on which the permittee became subject; [§63.10000(i)(2)(iii)]
   d) The date upon which the permittee will cease complying, consistent with §63.10000(g). [§63.10000(i)(2)(iv)]
10. All air pollution control equipment necessary for compliance with any newly applicable emissions limits which apply as a result of the cessation or commencement or recommencement of operations that cause the EGU to meet the definition of an EGU shall be installed and operational as of the date the source ceases to be or becomes subject. [§63.10000(j)]
11. All monitoring systems necessary for compliance with any newly applicable monitoring requirements which apply as a result of the cessation or commencement or recommencement of operations that cause the EGU to meet the definition of an EGU shall be installed and operational as of the date the source ceases to be or becomes subject. All calibration and drift checks shall be performed as of the date the source ceases to be or becomes subject. The permittee shall also comply with the provisions of §§63.10010, 63.10020, and 63.10021. Relative accuracy tests shall be performed as of the performance test deadline for PM CEMS, if applicable. Relative accuracy testing for other CEMS need not be repeated if that testing was previously performed consistent with CAA Section 112 monitoring requirements or monitoring requirements. [§63.10000(k)]

Affirmative Defense:
The permittee shall refer to §63.10001 for 40 CFR Part 63, Subpart UUUUU affirmative defense requirements.

Initial Compliance:

1. *General requirements.* For each EGU, the permittee shall demonstrate initial compliance with each applicable emissions limit in Table 2 of 40 CFR Part 63, Subpart UUUUU through performance testing. Where two emissions limits are specified for a particular pollutant (e.g., a heat input-based limit in lb/MMBtu and an electrical output-based limit in lb/MWh), the permittee may demonstrate compliance with either emission limit. For a particular compliance demonstration, the permittee may be required to conduct one or more of the following activities in conjunction with performance testing: collection of hourly electrical load data (MW); establishment of operating limits according to §63.10011 and Tables 4 and 7 of 40 CFR Part 63, Subpart UUUUU; and CMS performance evaluations. In all cases, the permittee shall demonstrate initial compliance no later than the applicable date in §63.10005(f) for tune-up work practices for existing EGUs and in §63.9984 for other requirements for existing EGUs. [§63.10005(a)]
   a) To demonstrate initial compliance with an applicable emissions limit in Table 2 of 40 CFR Part 63, Subpart UUUUU using stack testing, the initial performance test generally consists of three runs at specified process operating conditions using approved methods. If the permittee is required to establish operating limits (see §63.10005(d) and Table 4 of 40 CFR Part 63, Subpart UUUUU), the permittee shall collect all applicable parametric data during the performance test period. Also, if the permittee chooses to comply with an electrical output-based emission limit, the permittee shall collect hourly electrical load data during the test period. [§63.10005(a)(1)]
   b) To demonstrate initial compliance using either a CMS that measures HAP concentrations directly (*i.e.*, an Hg or HCl CEMS, or a sorbent trap monitoring system) or an SO_2 or PM CEMS, the initial performance test consists of 30 boiler operating days of data collected by the initial compliance demonstration date specified in §63.10005 with the certified monitoring system. [§63.10005(a)(2)]
      i) The 30-boiler operating day CMS performance test shall demonstrate compliance with the applicable Hg, HCl, PM, or SO_2 emissions limit in Table 2 of 40 CFR Part 63, Subpart UUUUU. [§63.10005(a)(2)(i)]
      ii) If the permittee chooses to comply with an electrical output-based emission limit, the permittee shall collect hourly electrical load data during the performance test period. [§63.10005(a)(2)(ii)]
2. *Performance testing requirements.* If the permittee chooses to use performance testing to demonstrate initial compliance with the applicable emissions limits in Table 2 of 40 CFR Part 63, Subpart UUUUU for the EGU, the permittee shall conduct the tests according to §63.10007 and Table 5 of 40 CFR Part 63, Subpart UUUUU. For the purposes of the initial compliance demonstration, the permittee may use test data and results from a performance test conducted prior to the date on which compliance is required as specified in §63.9984, provided that the following conditions are fully met: [§63.10005(b)]
   a) For a performance test based on stack test data, the test was conducted no more than 12 calendar months prior to the date on which compliance is required as specified in §63.9984; [§63.10005(b)(1)]
   b) For a performance test based on data from a certified CEMS or sorbent trap monitoring system, the test consists of all valid CMS data recorded in the 30 boiler operating days immediately preceding that date; [§63.10005(b)(2)]

c) The performance test was conducted in accordance with all applicable requirements in §63.10007 and Table 5 to 40 CFR Part 63, Subpart UUUUU; [§63.10005(b)(3)]
d) A record of all parameters needed to convert pollutant concentrations to units of the emission standard (e.g., stack flow rate, diluent gas concentrations, hourly electrical loads) is available for the entire performance test period; and [§63.10005(b)(4)]
e) For each performance test based on stack test data, the permittee certifies, and retains documentation demonstrating, that the EGU configuration, control devices, and fuel(s) have remained consistent with conditions since the prior performance test was conducted. [§63.10005(b)(5)]

3. *CMS requirements.* If, for a particular emission or operating limit, the permittee is required to (or elects to) demonstrate initial compliance using a continuous monitoring system, the CMS shall pass a performance evaluation prior to the initial compliance demonstration. If a CMS has been previously certified under another state or federal program and is continuing to meet the on-going quality-assurance (QA) requirements of that program, then, provided that the certification and QA provisions of that program meet the applicable requirements of §63.10010(b) through (h), an additional performance evaluation of the CMS is not required. [§63.10005(d)]
   a) The permittee may demonstrate initial compliance with the applicable SO_2 or HCl emissions limit in Table 2 of 40 CFR Part 63, Subpart UUUUU through use of an SO_2 or HCl CEMS installed and operated in accordance with 40 CFR Part 75 or Appendix B to 40 CFR Part 63, Subpart UUUUU, as applicable. The permittee may also demonstrate compliance with a filterable PM emission limit in Table 2 of 40 CFR Part 63, Subpart UUUUU through use of a PM CEMS installed, certified, and operated in accordance with §63.10010(i). Initial compliance is achieved if the arithmetic average of 30-boiler operating days of quality-assured CEMS data, expressed in units of the standard (see §63.10007(e)), meets the applicable SO_2, PM, or HCl emissions limit in Table 2 to 40 CFR Part 63, Subpart UUUUU. Use 40 CFR Part 60 Appendix A-7 Method 19 Equation 19–19 to calculate the 30-boiler operating day average emissions rate. (Note: for this calculation, the term E_{hj} in Equation 19–19 must be in the same units of measure as the applicable HCl emission limit in Table 2 to 40 CFR Part 63, Subpart UUUUU). [§63.10005(d)(1)]
   b) For affected coal-fired EGUs that demonstrate compliance with the applicable emission limits for total non-mercury HAP metals, individual non-mercury HAP metals, total HAP metals, individual HAP metals, or filterable PM listed in Table 2 to 40 CFR Part 63, Subpart UUUUU using initial performance testing and continuous monitoring with PM CPMS: [§63.10005(d)(2)]
      i) The permittee shall demonstrate initial compliance no later than the applicable date specified in §63.9984(f) for existing EGUs. [§63.10005(d)(2)(i)]
      ii) The permittee shall demonstrate continuous compliance with the PM CPMS site-specific operating limit that corresponds to the results of the performance test demonstrating compliance with the pollutant emission limits with which the permittee chooses to comply. [§63.10005(d)(2)(ii)]
      iii) The permittee shall repeat the performance test annually for the selected pollutant emissions limit and reassess and adjust the site-specific operating limit in accordance with the results of the performance test. [§63.10005(d)(2)(iii)]
   c) For affected EGUs that are either required to or elect to demonstrate initial compliance with the applicable Hg emission limit in Table 2 of 40 CFR Part 63, Subpart UUUUU using Hg CEMS or sorbent trap monitoring systems, initial compliance shall be demonstrated no later than the applicable date specified in §63.9984(f) for existing EGUs. Initial compliance is achieved if the arithmetic average of 30-boiler operating days of quality-assured CEMS (or sorbent trap

monitoring system) data, expressed in units of the standard (see §6.2 of Appendix A to 40 CFR Part 63, Subpart UUUUU), meets the applicable Hg emission limit in Table 2 to 40 CFR Part 63, Subpart UUUUU. [§63.10005(d)(3)]

4. *Tune-ups.* All affected EGUs are subject to the work practice standards in Table 3 of 40 CFR Part 63, Subpart UUUUU. As part of the initial compliance demonstration, the permittee shall conduct a performance tune-up of the EGU according to §63.10021(e). [§63.10005(e)]
5. For existing affected sources a tune-up may occur prior to April 16, 2012, so that existing sources without neural networks have up to 42 calendar months (three years from promulgation plus 180 days) or, in the case of units employing neural network combustion controls, up to 54 calendar months (48 months from promulgation plus 180 days) after the date that is specified for the source in §63.9984 and according to the applicable provisions in §63.7(a)(2) as cited in Table 9 to 40 CFR Part 63, Subpart UUUUU to demonstrate compliance with this requirement. If a tune-up occurs prior to such date, the source shall maintain adequate records to show that the tune-up met the requirements of this standard. [§63.10005(f)]
6. *Low emitting EGUs.* The provisions of §63.10005(h) apply to all pollutants with emissions limits from existing EGUs. The permittee may not pursue this compliance option if the existing EGU is equipped with an acid gas scrubber and has a main stack and bypass stack exhaust configuration. [§63.10005(h)]
   a) An EGU may qualify for low emitting EGU (LEE) status for Hg, HCl, filterable PM, total non-Hg HAP metals, or individual non-Hg HAP metals if the permittee collects performance test data that meet the requirements of §63.10005(h), and if those data demonstrate: [§63.10005(h)(1)]
      i) For all pollutants except Hg, performance test emissions results less than 50 percent of the applicable emissions limits in Table 2 to 40 CFR Part 63, Subpart UUUUU for all required testing for three consecutive years; or [§63.10005(h)(1)(i)]
      ii) For Hg emissions from an existing EGU, either: [§63.10005(h)(1)(ii)]
         (1) Average emissions less than ten percent of the applicable Hg emissions limit in Table 2 to 40 CFR Part 63, Subpart UUUUU (expressed either in units of lb/TBtu or lb/GWh); or [§63.10005(h)(1)(ii)(A)]
         (2) Potential Hg mass emissions of 29.0 or fewer pounds per year and compliance with the applicable Hg emission limit in Table 2 to 40 CFR Part 63, Subpart UUUUU (expressed either in units of lb/TBtu or lb/GWh). [§63.10005(h)(1)(ii)(B)]
   b) For all pollutants except Hg, the permittee shall conduct all required performance tests described in §63.10007 to demonstrate that a unit qualifies for LEE status. [§63.10005(h)(2)]
      i) When conducting emissions testing to demonstrate LEE status, the permittee shall increase the minimum sample volume specified in Table 2 nominally by a factor of two. [§63.10005(h)(2)(i)]
      ii) Follow the instructions in §63.10007(e) and Table 5 to 40 CFR Part 63, Subpart UUUUU to convert the test data to the units of the applicable standard. [§63.10005(h)(2)(ii)]
   c) For Hg, the permittee shall conduct a 30-boiler operating day performance test using Method 30B in Appendix A–8 to 40 CFR Part 60 to determine whether a unit qualifies for LEE status. Locate the Method 30B sampling probe tip at a point within the ten percent centroidal area of the duct at a location that meets Method 1 in Appendix A–1 to 40 CFR Part 60 and conduct at least three nominally equal length test runs over the 30-boiler operating day test period. Collect Hg emissions data continuously over the entire test period (except when changing sorbent traps or performing required reference method QA procedures), under all process operating conditions. The permittee may use a pair of sorbent traps to sample the stack gas for no more than ten days. [§63.10005(h)(3)]

i) Depending on whether the permittee intends to assess LEE status for Hg in terms of the lb/TBtu or lb/GWh emission limit in Table 2 to 40 CFR Part 63, Subpart UUUUU or in terms of the annual Hg mass emissions limit of 29.0 lb/year, the permittee shall collect some or all of the following data during the 30-boiler operating day test period (see §63.10005(h)(3)(iii)): [§63.10005(h)(3)(i)]
   (1) Diluent gas (CO_2 or O_2) data, using either Method 3A in Appendix A–3 to 40 CFR Part 60 or a diluent gas monitor that has been certified according to 40 CFR Part 75. [§63.10005(h)(3)(i)(A)]
   (2) Stack gas flow rate data, using either Method 2, 2F, or 2G in Appendices A–1 and A–2 to 40 CFR Part 60, or a flow rate monitor that has been certified according to 40 CFR Part 75. [§63.10005(h)(3)(i)(B)]
   (3) Stack gas moisture content data, using either Method 4 in Appendix A–1 to 40 CFR Part 60, or a moisture monitoring system that has been certified according to 40 CFR Part 75. Alternatively, an appropriate fuel-specific default moisture value from §75.11(b) may be used in the calculations. [§63.10005(h)(3)(i)(C)]
   (4) Hourly electrical load data (MW), from facility records. [§63.10005(h)(3)(i)(D)]

ii) If the permittee uses CEMS to measure CO_2 (or O_2) concentration, and/or flow rate, and/or moisture, record hourly average values of each parameter throughout the 30-boiler operating day test period. If the permittee opts to use EPA reference methods rather than CEMS for any parameter, the permittee shall perform at least one representative test run on each operating day of the test period, using the applicable reference method. [§63.10005(h)(3)(ii)]

iii) Calculate the average Hg concentration, in $\mu g/m^3$ (dry basis), for the 30-boiler operating day performance test, as the arithmetic average of all Method 30B sorbent trap results. Also calculate, as applicable, the average values of CO_2 or O_2 concentration, stack gas flow rate, stack gas moisture content, and electrical load for the test period. Then: [§63.10005(h)(3)(iii)]
   (1) To express the test results in units of lb/TBtu, follow the procedures in §63.10007(e). Use the average Hg concentration and diluent gas values in the calculations. [§63.10005(h)(3)(iii)(A)]
   (2) To express the test results in units of lb/GWh, use Equations A–3 and A–4 in §6.2.2 of Appendix A to 40 CFR Part 63, Subpart UUUUU, replacing the hourly values "C_h", "Q_h", "B_{ws}" and "$(MW)_h$" with the average values of these parameters from the performance test. [§63.10005(h)(3)(iii)(B)]
   (3) To calculate pounds of Hg per year, use one of the following methods: [§63.10005(h)(3)(iii)(C)]
      (a) Multiply the average lb/TBtu Hg emission rate (determined according to §63.10005(h)(3)(iii)(A)) by the maximum potential annual heat input to the unit (TBtu), which is equal to the maximum rated unit heat input (TBtu/hr) times 8,760 hours. If the maximum rated heat input value is expressed in units of MMBtu/hr, multiply it by 10^{-6} to convert it to TBtu/hr; or [§63.10005(h)(3)(iii)(C)(*1*)]
      (b) Multiply the average lb/GWh Hg emission rate (determined according to §63.10005(h)(3)(iii)(B)) by the maximum potential annual electricity generation (GWh), which is equal to the maximum rated electrical output of the unit (GW) times 8,760 hours. If the maximum rated electrical output value is expressed in units of MW, multiply it by 10^{-3} to convert it to GW; or [§63.10005(h)(3)(iii)(C)(*2*)]

7. Startup and shutdown for coal-fired units. The permittee shall follow the requirements given in Table 3 to 40 CFR Part 63, Subpart UUUUU. [§63.10005(j)]

8. The permittee shall submit a Notification of Compliance Status summarizing the results of the initial compliance demonstration, as provided in §63.10030. [§63.10005(k)]

Subsequent Performance Tests and Tune-ups:
The permittee shall refer to §63.10006(a) for 40 CFR Part 63, Subpart UUUUU subsequent performance testing and tune-up requirements.

Test Methods and Procedures:
The permittee shall refer to §63.10007, Table 5 to 40 CFR Part 63, Subpart UUUUU, and Table 6 to 40 CFR Part 63, Subpart UUUUU for 40 CFR Part 63, Subpart UUUUU test methods and testing procedures.

Emissions Averaging:
The permittee shall refer to §63.10009 for 40 CFR Part 63, Subpart UUUUU emissions averaging requirements.

Monitoring, Installation, Operation, and Maintenance:
The permittee shall refer to §63.10010 for 40 CFR Part 63, Subpart UUUUU monitoring, installation, operation, and maintenance requirements.

Initial Compliance:
The permittee shall refer to §63.10011 for 40 CFR Part 63, Subpart UUUUU initial compliance requirements.

Monitoring and Data Collection:
The permittee shall refer to §63.10020 for 40 CFR Part 63, Subpart UUUUU monitoring and data collection requirements.

Continuous Compliance:
The permittee shall refer to §63.10021 and Table 7 to 40 CFR Part 63, Subpart UUUUU for 40 CFR Part 63, Subpart UUUUU continuous compliance requirements.

Continuous Compliance using Emissions Averaging:
The permittee shall refer to §63.10022 for 40 CFR Part 63, Subpart UUUUU emissions averaging requirements to demonstrate continuous compliance.

PM CPMS:
The permittee shall refer to §63.10023 for 40 CFR Part 63, Subpart UUUUU PM CPMS requirements.

Notifications:
The permittee shall refer to §63.10030 for notifications required by 40 CFR Part 63, Subpart UUUUU.

General Provisions:
The permittee shall refer to Table 9 of 40 CFR Part 63, Subpart UUUUU for 40 CFR Part 63, Subpart A applicability.

Recordkeeping:
1. The permittee shall refer to §63.10032 and §63.10033 for recordkeeping requirements specific to 40 CFR Part 63, Subpart UUUUU.
2. Records may be kept in either written or electronic form.
3. These records shall be made available immediately for inspection to Department of Natural Resources' personnel upon request.
4. All records shall be retained for five years.

Reporting:
1. The permittee shall refer to §63.10031 and Table 8 of 40 CFR Part 63, Subpart UUUUU for reporting requirements specific to 40 CFR Part 63, Subpart UUUUU.
2. The permittee shall notify the Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after an exceedance or a malfunction which could cause an exceedance of the emission limitations.
3. The permittee shall report any deviations from the standards, compliance provisions, performance testing, test methods, recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring report and compliance certification required by Section V of this permit.

PERMIT CONDITION 008 10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants			
Emission Unit	**Description**	**Construction Date**	**Stack #**
EP01	Boiler 1	1966	1
EP02	Boiler 2	1969	2

Emission Limitations:
1. The permittee shall not cause or permit to be discharged into the atmosphere from the emission units any visible emissions with an opacity greater than 40 percent.
2. Exception: The permittee may discharge into the atmosphere from any source of emissions for a period(s) aggregating not more than six minutes in any 60 minutes air contaminants with an opacity up to 60 percent.

Monitoring:
The permittee shall install, certify, operate and maintain a certified Continuous Opacity Monitoring System (COMS) with an automated data acquisition and handling system for measuring and recording the opacity of emissions (in percent opacity) discharged to the atmosphere.

Record Keeping:
1. A monitoring report shall include the following information as applicable:
   a) Summary information on the number, duration and cause (including unknown cause, if applicable) of exceedances, as applicable, and the corrective actions taken;
   b) Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable).

Attachment C

MATS Compliance Date Extension Letter

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

MAR 2 9 2013

Mr. Todd A. Tolbert
Associated Electric Cooperative, Incorporated
2814 South Golden
P.O. Box 754
Springfield, MO 65801-0754

RE: Compliance Extension Request for Associated Electric Cooperative, Incorporated – New Madrid Power Plant (143-0004)

Dear Mr. Tolbert:

The Missouri Department of Natural Resources' Air Pollution Control Program (APCP) has received your request, dated February 27, 2013, for a one-year extension of the compliance date for the federal Mercury and Air Toxics Standards (the MATS rule), also known as the *National Emission Standards for Hazardous Air Pollutants From Coal and Oil-Fired Electric Utility Steam Generating Units* found in 40 CFR Part 63 Subpart UUUUU. This request was made in accord with Section 63.9(c) and/or Section 63.6(i); 40 CFR Part 63, Subpart A, *National Emission Standards for Hazardous Air Pollutants for Source Categories*, Subpart A-General Provisions and in accord with the Clean Air Act under 42 USC §7412(i)(3)(B).

After reviewing your letter and documentation, the APCP hereby approves your request for a one-year extension of the compliance date with the MATS rule for the above facility. Therefore, the approved compliance date for the above facility will be April 16, 2016.

Thank you for your cooperation in this matter. If you have any questions regarding this letter or the MATS rule, please contact Ms. Darcy Bybee at the Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or by telephone at (573) 751-6415. You can also find more about the department on the Internet at www.dnr.mo.gov.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Kyra L. Moore

Kyra L. Moore
Director

KLM:dbv

c: Mr. Kendall Hale, Air Pollution Control Program
Mr. Gary Bertram, EPA Region VII
Mr. Ward Burns, EPA Region VII
Ms. Amy Baker, Southeast Regional Office
Source File: 143-0004

Recycled Paper

Attachment D

Changes to Emission Units Lists

AECI New Madrid Power Plant, Permit # OP2010-116B
Emission Units With Limitations and Corresponding Changes

Emission Unit ID	EIQ Reference	Description of Emission Sources (as listing in existing permit)	Action requested	Changes to Emissions Sources (as applicable)
EU0010	EP-01	Main Unit Boiler #1	None	
EU0020	EP-02	Main Unit Boiler #2	None	
EU0030	EP-03	Emergency Diesel Generator	None	
EU0040	EP-04	Rotary Car Dumper System (Coal Unloading)	None	
EU0050	EP-05	Barge Unloader (For Coal Shipments via Barge)	Remove	This system and corresponding conveyers (Conveyor 1-5) will be decommissioned in 2016. The unloader and system will no longer be used.
EU0060	EP-05	Conveyor #1	Remove	Remove: barge unloader conveyor
EU0070	EP-05	Conveyor #2	Remove	Remove: barge unloader conveyor
EU0080	EP-05	Conveyor #3	Remove	Remove: barge unloader conveyor
EU0090	EP-05	Conveyor #4	Remove	Remove: barge unloader conveyor
EU0100	EP-05	Conveyor #A1	None	
EU0110	EP-05	Conveyor #A2	None	
EU0120	EP-05	Conveyor #B1	None	
EU0130	EP-05	Conveyor #B2	None	
EU0140	EP-05	Conveyor #C1	None	
EU0150	EP-05	Conveyor #C2	None	
EU0160	EP-05	Conveyor #D1	None	
EU0170	EP-05	Conveyor #D2	None	
EU0180	EP-05	Conveyor #5	Remove	Remove: barge unloader conveyor
EU0190	EP-05	Conveyor #A3	None	
EU0200	EP-05	Conveyor #6 (1A)	None	
EU0210	EP-05	Conveyor #7 (1B)	None	
EU0220	EP-05	Conveyor #8 (2A)	None	
EU0230	EP-05	Conveyor #9 (3A)	None	
EU0240	EP-06	Coal Crusher (4)	None	
EU0250	EP-07	Flyash Silo System (2)	None	
EU0260	EP-09	Eight (8) 300 HP Diesel Barge River Pumps	None	
EU0270	EP-13	Two (2) 345 HP Diesel Barge River Pumps	None	
EU0280	EP-11, 14, 15	Fly Ash/Bottom Ash Disposal Process	None	
EU0290	IA	Tioga Heater Unit 1	None	
EU0300	IA	Tioga Heater Unit 2	None	

AECI New Madrid Power Plant, Permit # OP2010-116B
Emission Units Without Limitations and Corresponding Changes

Emission Unit ID	EIQ Reference	Description of Emission Sources (as listed in existing permit)	Action requested	Changes to Emissions Sources (as applicable)
FE-01	FE-01	Coal Pile, Bituminous and Subbituminous Coal, 32 acres	None	
FE-02	FE-02	Haul Road	None	
FE-03	FE-03	Fly Ash Unloading	None	
IA-01		Two - 25,000 Gallon #2 Fuel Oil Tanks	None	
		One - 340 Gallon Diesel Fuel Oil Tank	None	
IA-02	EP-08	One - 3,000 Gallon Unleaded Gasoline Tank	None	
IA-03		One - 1,750 Gallon Used Oil Tank	None	
		One - 3,000 Gallon Used Oil Tank	None	
IA-04		Four - 17,800 Glycol Tanks	None	
		One - 1,000 Gallon Glycol Tank	None	
IA-05		One - 360 Gallon Transmission Fluid Tank	None	
IA-06		One - 440 Gallon Mobile Oil Tank	None	
IA-07		Two - 1,035 Gallon Lubricating Oil Storage Tank	None	
		One - 660 Gallon Bulk Oil Tank	None	
IA-08		One - 8,500 Gallon Yard Diesel Tank	None	
IA-09		Two - 55 Gallon Hydrazine Tanks	Remove	Hydrazine is no longer used on site
IA-10		Abatement Activities (associated with repair/replacement of plant equipment)	None	
IA-11		One - 9,500 Gallon Sulfuric Acid Tank	None	
IA-12		Two - 790 and One - 200 Gallon Tanks associated with Turbine Hydraulic System (EHC)	None	
		Two - 4,000, Two - 13,840 and Two - 9,200 Gallons Tanks associated with the Lube Oil Tank Vents	None	
		Lube Oil Vapor Extractor Vents	None	
		Four - 1,450 and Two - 540 Gallon Tanks associated with Boiler Feed Pump Lube Oil Vapor Vents	None	
IA-13		Miscellaneous Hydraulic Equipment on Unit 1 and Unit 2	None	
IA-14		Four - 500 Gallon Propane Storage Tanks	Modify	Change to: Three - 500 Gallon Propane Storage Tanks
		Four - 1,000 Gallon Propane Storage Tanks	Modify	Change to: One - 1,000 Gallon Propane Storage Tanks
IA-15		Oil (Spills and Leaks) - from Transformers, Equipment, Etc.	None	
IA-17		Nine Portable Parts Washers (Two - 36 Gallon, Six - 27 Gallon, and One - 15 Gallon)	Modify	Change to: Eight Portable Parts Washers (Two - 36 Gallon, Five - 27 Gallon, and One - 15 Gallon)
IA-18		Glycol Heater Vents	None	
IA-19		Seal Oil Vacuum Pump Discharge Vent	None	
IA-20		Three - 1,000 Gallon Soot Blowing Air Compressor Oil Tanks and Vents	None	
IA-21		Acetylene Cylinders Used in Maintenance Activities	None	
IA-22		Portable Gasoline Powered Pumps Used for Sump and Maintenance Equipment as Needed	None	
IA-23		Portable Diesel Generators Used for Equipment Power at Various Locations for Maintenance or Start-up Activities	None	
IA-24		Small Portable Pumps for Various Feed Water, Oil Lubricating and Maintenance Systems	None	
IA		Two - 2.29 MMBtu/hr (each) LPG-fired Heaters	None	
		Two - 2.00 MMBtu/hr (each) LPG-fired Heaters	None	
IA-25		One - 100 Gallon - Coal Yard Fuel Oil Additive Tank	Add	Additive to keep oil from gelling in the winter
IA-26		Two - 1,000 Gallon Mobile Equipment Used Oil Tanks	Add	
IA-27		One - 100 Gallon Diesel Fuel Tank located in Truck Bed	Add	

AECI New Madrid Power Plant, Permit # OP2010-116B
Emission Units Without Limitations and Corresponding Changes

Emission Unit ID	EIQ Reference	Description of Emission Sources (as listed in existing permit)	Action requested	Changes to Emissions Sources (as applicable)
FE-01	FE-01	Coal Pile, Bituminous and Subbituminous Coal, 32 acres	None	
FE-02	FE-02	Haul Road	None	
FE-03	FE-03	Fly Ash Unloading	None	
IA-01		Two - 25,000 Gallon #2 Fuel Oil Tanks	None	
		One - 340 Gallon Diesel Fuel Oil Tank	None	
IA-02	EP-08	One - 3,000 Gallon Unleaded Gasoline Tank	None	
IA-03		One - 1,750 Gallon Used Oil Tank	None	
		One - 3,000 Gallon Used Oil Tank	None	
IA-04		Four - 17,800 Glycol Tanks	None	
		One - 1,000 Gallon Glycol Tank	None	
IA-05		One - 360 Gallon Transmission Fluid Tank	None	
IA-06		One - 440 Gallon Mobile Oil Tank	None	
IA-07		Two - 1,035 Gallon Lubricating Oil Storage Tank	None	
		One - 660 Gallon Bulk Oil Tank	None	
IA-08		One - 8,500 Gallon Yard Diesel Tank	None	
IA-09		Two - 55 Gallon Hydrazine Tanks	Remove	Hydrazine is no longer used on site
IA-10		Abatement Activities (associated with repair/replacement of plant equipment)	None	
IA-11		One - 9,500 Gallon Sulfuric Acid Tank	None	
IA-12		Two - 790 and One - 200 Gallon Tanks associated with Turbine Hydraulic System (EHC)	None	
		Two - 4,000, Two - 13,840 and Two - 9,200 Gallons Tanks associated with the Lube Oil Tank Vents	None	
		Lube Oil Vapor Extractor Vents	None	
		Four - 1,450 and Two - 540 Gallon Tanks associated with Boiler Feed Pump Lube Oil Vapor Vents	None	
IA-13		Miscellaneous Hydraulic Equipment on Unit 1 and Unit 2	None	
IA-14		Four - 500 Gallon Propane Storage Tanks	Modify	Change to: Three - 500 Gallon Propane Storage Tanks
		Four - 1,000 Gallon Propane Storage Tanks	Modify	Change to: One - 1,000 Gallon Propane Storage Tanks
IA-15		Oil (Spills and Leaks) - from Transformers, Equipment, Etc.	None	
IA-17		Nine Portable Parts Washers (Two - 36 Gallon, Six - 27 Gallon, and One - 15 Gallon)	Modify	Change to: Eight Portable Parts Washers (Two - 36 Gallon, Five - 27 Gallon, and One - 15 Gallon)
IA-18		Glycol Heater Vents	None	
IA-19		Seal Oil Vacuum Pump Discharge Vent	None	
IA-20		Three - 1,000 Gallon Soot Blowing Air Compressor Oil Tanks and Vents	None	
IA-21		Acetylene Cylinders Used in Maintenance Activities	None	
IA-22		Portable Gasoline Powered Pumps Used for Sump and Maintenance Equipment as Needed	None	

IA-23		Portable Diesel Generators Used for Equipment Power at Various Locations for Maintenance or Start-up Activities	None	
IA-24		Small Portable Pumps for Various Feed Water, Oil Lubricating and Maintenance Systems	None	
IA		Two - 2.29 MMBtu/hr (each) LPG-fired Heaters	None	
		Two - 2.00 MMBtu/hr (each) LPG-fired Heaters	None	
IA-25		One - 100 Gallon - Coal Yard Fuel Oil Additive Tank	Add	Additive to keep oil from gelling in the winter
IA-26		Two - 1,000 Gallon Mobile Equipment Used Oil Tanks	Add	
IA-27		One - 100 Gallon Diesel Fuel Tank located in Truck Bed	Add	

Attachment E

Acid Rain Permit Application

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0258
Approval expires 11/30/2012

Acid Rain Permit Application

For more information, see instructions and 40 CFR 72.30 and 72.31.

This submission is: ☐ New ☐ Revised X for ARP permit renewal

STEP 1

Identify the facility name, State, and plant (ORIS) code.

Facility (Source) Name	State	Plant Code
New Madrid Power Plant	**MO**	**02167**

STEP 2

Enter the unit ID# for every affected unit at the affected source in column "a."

a	b
Unit ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)
1	**Yes**
2	**Yes**
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes
	Yes

Facility (Source) Name (from STEP 1)

STEP 3

Read the standard requirements.

Permit Requirements

(1) The designated representative of each affected source and each affected unit at the source shall:

(i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and

(ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;

(2) The owners and operators of each affected source and each affected unit at the source shall:

(i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and

(ii) Have an Acid Rain Permit.

Monitoring Requirements

(1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75.

(2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the source or unit, as appropriate, with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.

(3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements

(1) The owners and operators of each source and each affected unit at the source shall:

(i) Hold allowances, as of the allowance transfer deadline, in the source's compliance account (after deductions under 40 CFR 73.34(c)), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the affected units at the source; and

(ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.

(2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.

(3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:

(i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or

(ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).

Facility (Source) Name (from STEP 1)

Sulfur Dioxide Requirements, Cont'd.

STEP 3, Cont'd.

(4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
(5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
(6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
(7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements

The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements

(1) The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
(2) The owners and operators of an affected source that has excess emissions in any calendar year shall:
(i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
(ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements

(1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
(i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the

Facility (Source) Name (from STEP 1)

submission of a new certificate of representation changing the designated representative;

STEP 3, Cont'd. **Recordkeeping and Reporting Requirements, Cont'd.**

(ii) All emissions monitoring information, in accordance with 40 CFR part 75, provided that to the extent that 40 CFR part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
(iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability

(1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
(2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
(3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
(4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
(5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
(6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit.
(7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities

No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 shall be construed as:

Facility (Source) Name (from STEP 1)

STEP 3, Cont'd.

(1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating

Effect on Other Authorities, Cont'd.

to applicable National Ambient Air Quality Standards or State Implementation Plans;
(2) Limiting the number of allowances a source can hold; *provided,* that the number of allowances held by the source shall not affect the source's obligation to comply with any other provisions of the Act;
(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements
under such State law;
(4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

STEP 4
Read the certification statement, sign, and date.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and 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 statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name **Brent Ross – Designated Representative**	
Signature Brent Ross	Date 4/27/2015