

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Luminant Generation Company LLC

AUTHORIZING THE OPERATION OF  
Martin Lake Steam Electric Station  
Fossil Fuel Electric Power Generation

LOCATED AT  
Rusk County, Texas  
Latitude 32° 15' 35" Longitude 94° 34' 13"  
Regulated Entity Number: RN102583093

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site, emission units and affected source listed in this permit. Operations of the site, emission units and affected source listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site, emission units and affected source authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site, emission units and affected source.

Permit No:     O53     Issuance Date: \_\_\_\_\_

---

For the Commission

## Table of Contents

Section	Page
General Terms and Conditions .....	1
Special Terms and Conditions: .....	1
Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting.....	1
Additional Monitoring Requirements .....	9
New Source Review Authorization Requirements .....	11
Compliance Requirements.....	12
Protection of Stratospheric Ozone .....	13
Temporary Fuel Shortages (30 TAC § 112.15) .....	13
Alternative Requirements .....	14
Permit Location .....	14
Acid Rain Permit Requirements .....	14
Cross-State Air Pollution Rule (CSAPR) Trading Program Requirements .....	18
Federal Implementation Plan for Regional Haze (Texas SO <sub>2</sub> Trading Program) Requirements ..	24
Attachments .....	29
Applicable Requirements Summary.....	30
Additional Monitoring Requirements .....	43
New Source Review Authorization References .....	53
Alternative Requirement.....	57
Appendix A.....	59
Acronym List .....	60
Appendix B.....	61

## **General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit, except for reports required solely by the Acid Rain permit, Cross-State Air Pollution Rule Trading Program requirements, or Texas SO<sub>2</sub> Trading Program requirements, must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

## **Special Terms and Conditions:**

### **Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
  - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
  - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subparts ZZZZ, DDDDD, or UUUUU as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, §63.1090, §63.1130, or §63.1300, respectively, which incorporate the 40 CFR Part 63 Subparts by reference.
  - F. For the purpose of generating discrete emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 4 (Discrete Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
    - (i) Title 30 TAC § 101.372 (relating to General Provisions)
    - (ii) Title 30 TAC § 101.373 (relating to Discrete Emission Reduction Credit Generation and Certification)
    - (iii) Title 30 TAC § 101.374 (relating to Mobile Discrete Emission Reduction Credit Generation and Certification)
    - (iv) Title 30 TAC § 101.378 (relating to Discrete Emission Credit Banking and Trading)
    - (v) The terms and conditions by which the emission limits are established to generate the discrete reduction credit are applicable requirements of this permit
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
  - B. Title 30 TAC § 101.3 (relating to Circumvention)
  - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
  - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
  - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
  - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
  - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
  - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
  - I. Title 30 TAC § 101.222 (relating to Demonstrations)
  - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the

Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

- (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(1)(E)
- (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
- (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
  - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
  - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
  - (3) Records of all observations shall be maintained.
  - (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer’s eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water

vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (5) Compliance Certification:
- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
  - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
  - (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
  - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

- (2) Records of all observations shall be maintained.
- (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (4) Compliance Certification:
  - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
  - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

- (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
  - (2) Records of all observations shall be maintained.
  - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
  - (4) Compliance Certification:
    - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
    - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

- F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
  - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
  - (ii) Sources with an effective stack height ( $h_e$ ) less than the standard effective stack height ( $H_e$ ), must reduce the allowable emission level by multiplying it by  $[h_e/H_e]^2$  as required in 30 TAC § 111.151(b)
  - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
  
- G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
  - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
  - (ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
  - (iii) Title 30 TAC § 111.209 (relating to Exception for Disposal Fires)
  - (iv) Title 30 TAC § 111.211 (relating to Exception for Prescribed Burn)
  - (v) Title 30 TAC § 111.213 (relating to Exception for Hydrocarbon Burning)
  - (vi) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
  - (vii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
  
- 4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
  - A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 100,000 gallons of gasoline in any calendar month after October 31, 2014, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
    - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
    - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)
  
  - B. When filling stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons at a Stage I motor vehicle fuel dispensing facility, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:

- (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
  - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
  - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
- 5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
  - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
  - B. Title 40 CFR § 60.8 (relating to Performance Tests)
  - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
  - D. Title 40 CFR § 60.12 (relating to Circumvention)
  - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
  - F. Title 40 CFR § 60.14 (relating to Modification)
  - G. Title 40 CFR § 60.15 (relating to Reconstruction)
  - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
- 6. For open storage piles; including equipment used in loading, unloading, and conveying operations; constructed, reconstructed, or modified after May 27, 2009 (LG123F, LG12-3AF, LG3-3AF), the permit holder shall comply with the following requirements of 40 CFR Part 60, Subpart Y for control of fugitive coal dust emissions:
  - A. Title 40 CFR § 60.254(c) and (c)(1) (relating to Standards for coal processing and conveying equipment, coal storage systems, transfer and loading systems, and open storage piles), for preparation of and operation in accordance with a fugitive coal dust emissions control plan
  - B. Title 40 CFR § 60.254(c)(2) and (c)(6) (relating to Standards for coal processing and conveying equipment, coal storage systems, transfer and loading systems, and open storage piles), for control measures for open coal storage piles
  - C. Title 40 CFR § 60.254(c)(3) and (c)(3)(i) - (iv) (relating to Standards for coal processing and conveying equipment, coal storage systems, transfer and loading systems, and open storage piles), for alternative control measures
  - D. Title 40 CFR § 60.254(c)(4), (c)(4)(i) - (ii), and (c)(5)(ii) (relating to Standards for coal processing and conveying equipment, coal storage systems, transfer and loading systems, and open storage piles) for submittal of the fugitive coal dust emissions control plan
  - E. Title 40 CFR § 60.258(a) and (a)(6) (relating to Reporting and recordkeeping)
- 7. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:

- A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
  - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
  - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
  - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
  - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
  - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
  - G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
  - H. Title 40 CFR § 61.15 (relating to Modification)
  - I. Title 40 CFR § 61.19 (relating to Circumvention)
8. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
  9. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.
  10. The permit holder shall comply with the requirements in the Agreed Order between TCEQ and TXU Generation Company LP (Docket No. 2001 0879 RUL, approved by TCEQ on March 13, 2002), cited in Appendix B, for the purpose of achieving early reductions of emissions of nitrogen oxide (NOx) for the Martin Lake Steam Electric Station.

**Additional Monitoring Requirements**

11. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:
  - A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
  - B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

- C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
- D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
- E. Except for emission units using a CEMS, COMS or PEMS which meets the requirements of 40 CFR § 64.3(d)(2), the permit holder shall comply with either of the following requirements for any particulate matter capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective action:
  - (i) Once per year the permit holder shall inspect any fan for proper operation and inspect the capture system used in compliance of CAM for cracks, holes, tears, and other defects; or
  - (ii) Once per year, the permit holder shall inspect for fugitive emissions escaping from the capture system in compliance of CAM by performing a visible emissions observation for a period of at least six minutes in accordance with 40 CFR Part 60, Appendix A, Test Method 22.
- F. Except for emission units using a CEMS, COMS or PEMS which meets the requirements of 40 CFR § 64.3(d)(2), the permit holder shall conduct a once a month visual, audible, and/or olfactory inspection of the capture system to detect leaking components for any capture system associated with the control device subject to CAM. If the results of the inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions.
- G. Except for emission units using a CEMS, COMS or PEMS which meets the requirements of 40 CFR § 64.3(d)(2), the permit holder shall comply with either of the following requirements for any bypass of the control device subject to CAM. If the results of the following inspections or monitoring indicate bypass of the control device, the permit holder shall promptly take necessary corrective actions and report a deviation:
  - (i) Install a flow indicator that is capable of recording flow, at least once every fifteen minutes, immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
  - (ii) Once a month, the permit holder shall inspect the valves checking the position of the valves and the condition of the car seals. Identify all times when the car seal has been broken and the valve position has been changed to allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere.
- H. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

12. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **New Source Review Authorization Requirements**

13. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated March 8, 2024 in the application for project 17240), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
  - A. Are incorporated by reference into this permit as applicable requirements
  - B. Shall be located with this operating permit
  - C. Are not eligible for a permit shield
14. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
15. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).
16. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
  - A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
  - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
  - C. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects

## Compliance Requirements

17. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
18. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
  - A. The permit holder shall comply with the compliance schedule as required in 30 TAC § 117.9300 for electric utilities in East and Central Texas.
19. Use of Emission Credits to comply with applicable requirements:
  - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) Offsets for Title 30 TAC Chapter 116
  - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
    - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
    - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
    - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
    - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
20. Use of Discrete Emission Credits to comply with the applicable requirements:
  - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) If applicable, offsets for Title 30 TAC Chapter 116

- (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
  - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
  - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
  - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
  - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
  - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

#### **Protection of Stratospheric Ozone**

- 21. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
  - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
  - B. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

#### **Temporary Fuel Shortages (30 TAC § 112.15)**

- 22. The permit holder shall comply with the following 30 TAC Chapter 112 requirements:
  - A. Title 30 TAC § 112.15 (relating to Temporary Fuel Shortage Plan Filing Requirements)
  - B. Title 30 TAC § 112.16(a), (a)(1), and (a)(2)(B) - (C) (relating to Temporary Fuel Shortage Plan Operating Requirements)
  - C. Title 30 TAC § 112.17 (relating to Temporary Fuel Shortage Plan Notification Procedures)
  - D. Title 30 TAC § 112.18 (relating to Temporary Fuel Shortage Plan Reporting Requirements)

### **Alternative Requirements**

23. The permit holder shall comply with the approved alternative means of control (AMOC); alternative monitoring, recordkeeping, or reporting requirements; or requirements determined to be equivalent to an otherwise applicable requirement contained in the Alternative Requirements attachment of this permit. Units complying with an approved alternative requirement have reference to the approval in the Applicable Requirements summary listing for the unit. The permit holder shall maintain the original documentation, from the TCEQ Executive Director, demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

### **Permit Location**

24. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

### **Acid Rain Permit Requirements**

25. For units U1-B1, U2-B2, and U3-B3 (identified in the Certificate of Representation as units 1, 2, and 3), located at the affected source identified by ORIS/Facility/Plant code 6146, the designated representative and the owner or operator, as applicable, shall comply with the following Acid Rain Permit requirements.

#### **A. General Requirements**

- (i) Under 30 TAC § 122.12(1) and 40 CFR Part 72, the Acid Rain Permit requirements contained here are a separable portion of the Federal Operating Permit (FOP) and have an independent public comment process which may be separate from, or combined with the FOP.
- (ii) The owner and operator shall comply with the requirements of 40 CFR Part 72 and 40 CFR Part 76. Any noncompliance with the Acid Rain Permit will be considered noncompliance with the FOP and may be subject to enforcement action.
- (iii) The owners and operators of the affected source shall operate the source and the unit in compliance with the requirements of this Acid Rain Permit and all other applicable State and federal requirements.
- (iv) The owners and operators of the affected source shall comply with the General Terms and Conditions of the FOP that incorporates this Acid Rain Permit.
- (v) The term for the Acid Rain permit shall commence with the issuance of the FOP that incorporates the Acid Rain permit and shall be run concurrent with the remainder of the term of the FOP. Renewal of the Acid Rain permit shall coincide with the renewal of the FOP that incorporates the Acid Rain permit and subsequent terms shall be no more than five years from the date of renewal of the FOP and run concurrent with the permit term of the FOP.

#### **B. Monitoring Requirements**

- (i) The owners and operators, and the designated representative, of the affected source and each affected unit at the source shall comply with the monitoring requirements contained in 40 CFR Part 75.

- (ii) The emissions measurements recorded and reported in accordance with 40 CFR Part 75 and any other credible evidence shall be used to determine compliance by the affected source with the acid rain emissions limitations and emissions reduction requirements for SO<sub>2</sub> and NO<sub>x</sub> under the ARP.
- (iii) The requirements of 40 CFR Part 75 shall not affect the responsibility of the owners and operators to monitor emission of other pollutants or other emissions characteristics at the unit under other applicable requirements of the FCAA Amendments (42 U.S.C. 7401, as amended November 15, 1990) and other terms and conditions of the operating permit for the source.

C. SO<sub>2</sub> emissions requirements

- (i) The owners and operators of each source and each affected unit at the source shall comply with the applicable acid rain emissions limitations for SO<sub>2</sub>.
- (ii) As of the allowance transfer deadline the owners and operators of the affected source and each affected unit at the source shall hold, in the unit's compliance subaccount, allowances in an amount not less than the total annual emissions of SO<sub>2</sub> for the previous calendar year.
- (iii) Each ton of SO<sub>2</sub> emitted in excess of the acid rain emissions limitations for SO<sub>2</sub> shall constitute a separate violation of the FCAA amendments.
- (iv) An affected unit shall be subject to the requirements under (i) and (ii) of the SO<sub>2</sub> emissions requirements as follows:
  - (1) Starting January 1, 2000, an affected unit under 40 CFR § 72.6(a)(2); or
  - (2) 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).
- (v) Allowances shall be held in, deducted from, or transferred into or among Allowance Tracking System accounts in accordance with the requirements of the ARP.
- (vi) An allowance shall not be deducted, for compliance with the requirements of this permit, in a calendar year before the year for which the allowance was allocated.
- (vii) An allowance allocated by the EPA Administrator or under the ARP is a limited authorization to emit SO<sub>2</sub> in accordance with the ARP. No provision of the ARP, Acid Rain permit application, this 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.
- (viii) An allowance allocated by the EPA Administrator under the ARP does not constitute a property right.

D. NO<sub>x</sub> Emission Requirements

- (i) The owners and operators of the source and each affected unit at the source shall comply with the applicable acid rain emissions limitations for NO<sub>x</sub> under 40 CFR Part 76.

- (ii) Beginning on the effective date of the termination of the early election plan, but no later than January 1, 2008, the owners and operators shall comply with the Phase II NO<sub>x</sub> standard emission limitation compliance plan for unit U1-B1, U2-B2, and U3-B3, under which each unit's annual average NO<sub>x</sub> emission rate for each year, determined using the methods and procedures specified in 40 CFR Part 75, shall not exceed the applicable emission limitation of 0.40 lb/MMBtu for tangentially fired units under 40 CFR § 76.7(a)(1).
- E. Excess emissions requirements for SO<sub>2</sub> and NO<sub>x</sub>.
  - (i) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR Part 77.
  - (ii) If an affected source has excess emissions in any calendar year shall, as required by 40 CFR Part 77:
    - (1) Pay, without demand, the penalty required and pay, upon demand, the interest on that penalty.
    - (2) Comply with the terms of an approved offset plan.
- F. Recordkeeping and Reporting Requirements
  - (i) Unless otherwise provided, the owners and operators of the affected 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 before the end of 5 years, in writing by the permitting authority or the EPA Administrator.
    - (1) The certificate of representation for the designated representative for the source and each affected unit 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 submission of a new certificate of representation changing the designated representative.
    - (2) 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 (rather than a five-year period cited in 30 TAC § 122.144), the 3-year period shall apply.
    - (3) Copies of all reports, compliance certifications, and other submissions and all records made or required under the ARP or relied upon for compliance certification.
    - (4) Copies of all documents used to complete an acid rain permit application and any other submission under the ARP or to demonstrate compliance with the requirements of the ARP.
  - (ii) The designated representative of an affected source and each affected unit at the source shall submit the reports required under the ARP including those under 40 CFR Part 72, Subpart I and 40 CFR Part 75.

G. Liability

- (i) Any person who knowingly violates any requirement or prohibition of the ARP, a complete acid rain permit application, an acid rain permit, or a written 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 FCAA § 113(c).
- (ii) Any person who knowingly makes a false, material statement in any record, submission, or report under the ARP shall be subject to criminal enforcement pursuant to FCAA § 113(c) and 18 U.S.C. 1001.
- (iii) No permit revision shall excuse any violation of the requirements of the ARP that occurs prior to the date that the revision takes effect.
- (iv) The affected source and each affected unit shall meet the requirements of the ARP contained in 40 CFR Parts 72 through 78.
- (v) Any provision of the ARP that applies to an affected source or 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.
- (vi) Any provision of the ARP that applies to an affected unit (including a provision applicable to the DR of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR § 72.44 (Phase II repowering extension plans) and 40 CFR § 76.11 (NO<sub>x</sub> averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR Part 75 (including 40 CFR §§ 75.16, 75.17, and 75.18), the owners and operators and the DR of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the DR and that is located at a source of which they are not owners or operators or the DR.
- (vii) 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 DR of such source or unit, shall be a separate violation of the FCAA Amendments.

H. Effect on other authorities. No provision of the ARP, an acid rain permit application, an acid rain permit, or an exemption under 40 CFR §§ 72.7 or 72.8 shall be construed as:

- (i) Except as expressly provided in Title IV of the FCAA Amendments, exempting or excluding the owners and operators and, to the extent applicable, the DR of an affected source or affected unit from compliance with any other provision of the FCAA Amendments, including the provisions of Title I of the FCAA Amendments relating to applicable National Ambient Air Quality Standards or State Implementation Plans.
- (ii) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the FCAA Amendments.
- (iii) 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.

- (iv) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
  - (v) Interfering with or impairing any program for competitive bidding for power supply in a state in which such program is established.
- I. The number of SO<sub>2</sub> allowances allocated by the EPA in 40 CFR Part 73 is enforceable only by the EPA Administrator.

### **Cross-State Air Pollution Rule (CSAPR) Trading Program Requirements**

26. For units U1-B1, U2-B2, and U3-B3 (identified in the Certificate of Representation as units 1, 2, and 3), located at the site identified by Plant code/ORIS/Facility code 6146, the designated representative and the owner or operator, as applicable, shall comply with the following CSAPR requirements.

A. General Requirements

- (i) The owners and operators of the CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall operate the source and the unit in compliance with the requirements of the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program and all other applicable State and federal requirements.
- (ii) The owners and operators of the CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall comply with the requirements of 40 CFR Part 97, Subpart EEEEE for CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program, and with the General Terms and Conditions of the Federal Operating Permit (FOP) that incorporates the CSAPR requirements.

B. Description of CSAPR Monitoring Provisions

- (i) The CSAPR subject unit(s), and the unit-specific monitoring provisions at this source, are identified in the following paragraph(s). These unit(s) are subject to the requirements for the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program.
  - (1) For unit(s) U1-B1, U2-B2, and U3-B3, the owners and operators shall comply with the continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR Part 75, Subpart H for NO<sub>x</sub> and heat input.
- (ii) The above description of the monitoring used by a unit does not change, create an exemption from, or otherwise affect the monitoring, recordkeeping, and reporting requirements applicable to the unit under 40 CFR §§ 97.830 through 97.835 (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program). The monitoring, recordkeeping and reporting requirements applicable to each unit are included below in the standard conditions for the applicable CSAPR trading program.
- (iii) Owners and operators must submit to the Administrator a monitoring plan for each unit in accordance with 40 CFR §§ 75.53, 75.62 and 75.73, as applicable. The monitoring plan for each unit is available at the EPA's website at <https://www.epa.gov/airmarkets/monitoring-plans-part-75-sources>.

- (iv) Owners and operators that want to use an alternative monitoring system must submit to the Administrator a petition requesting approval of the alternative monitoring system in accordance with 40 CFR Part 75, Subpart E and 40 CFR § 75.66 and § 97.835 (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program). The Administrator's response approving or disapproving any petition for an alternative monitoring system is available on the EPA's website at <https://www.epa.gov/airmarkets/part-75-petition-responses>.
- (v) Owners and operators that want to use an alternative to any monitoring, recordkeeping, or reporting requirement under 40 CFR §§ 97.830 through 97.834 (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program) must submit to the Administrator a petition requesting approval of the alternative in accordance with 40 CFR § 75.66 and § 97.835 (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program). The Administrator's response approving or disapproving any petition for an alternative to a monitoring, recordkeeping, or reporting requirement is available on the EPA's website at <https://www.epa.gov/airmarkets/part-75-petition-responses>.
- (vi) The descriptions of monitoring applicable to the unit(s) included above meet the requirement of 40 CFR §§ 97.830 through 97.834 (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program), and therefore procedures for minor permit revisions, in accordance with 30 TAC § 122.217, may be used to add or change this unit's monitoring system description.

27. CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program Requirements (40 CFR § 97.806)

A. Designated representative requirements

- (i) The owners and operators shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with 40 CFR §§ 97.813 through 97.818.

B. Emissions monitoring, reporting, and recordkeeping requirements

- (i) The owners and operators, and the designated representative, of each CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR § 97.830 (general requirements, including installation, certification, and data accounting, compliance deadlines, reporting data, prohibitions, and long-term cold storage), § 97.831 (initial monitoring system certification and recertification procedures), § 97.832 (monitoring system out-of-control periods), § 97.833 (notifications concerning monitoring), § 97.834 (recordkeeping and reporting, including monitoring plans, certification applications, quarterly reports, and compliance certification), and § 97.835 (petitions for alternatives to monitoring, recordkeeping, or reporting requirements).
- (ii) The emissions data determined in accordance with 40 CFR § 97.830 through § 97.835 and any other credible evidence shall be used to calculate allocations of CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances under 40 CFR §§ 97.811(a)(2) and (b) and § 97.812 and to determine compliance with the CSAPR NO<sub>x</sub> Ozone Season Group 2 emissions limitation and assurance provisions under paragraph C. below, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with 40 CFR §§ 97.830 through

97.835 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

C. NO<sub>x</sub> emissions requirements

(i) CSAPR NO<sub>x</sub> Ozone Season Group 2 emissions limitation

(1) As of the allowance transfer deadline for a control period in a given year, the owners and operators of each CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall hold, in the source's compliance account, CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances available for deduction for such control period under 40 CFR § 97.824(a) in an amount not less than the tons of total NO<sub>x</sub> emissions for such control period from all CSAPR NO<sub>x</sub> Ozone Season Group 2 units at the source.

(2) If total NO<sub>x</sub> emissions during a control period in a given year from the CSAPR NO<sub>x</sub> Ozone Season Group 2 units at a CSAPR NO<sub>x</sub> Ozone Season Group 2 source are in excess of the CSAPR NO<sub>x</sub> Ozone Season Group 2 emissions limitation set forth in paragraph C.(i)(1) above, then:

(a) The owners and operators of the source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall hold the CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances required for deduction under 40 CFR § 97.824(d); and

(b) The owners and operators of the source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 97, Subpart EEEEE and the Clean Air Act.

(ii) CSAPR NO<sub>x</sub> Ozone Season Group 2 assurance provisions

(1) If total NO<sub>x</sub> emissions during a control period in a given year from all CSAPR NO<sub>x</sub> Ozone Season Group 2 units at CSAPR NO<sub>x</sub> Ozone Season Group 2 sources in the state exceed the state assurance level, then the owners and operators of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative's share of such NO<sub>x</sub> emissions during such control period exceeds the common designated representative's assurance level for the state and such control period, shall hold (in the assurance account established for the owners and operators of such group) CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances available for deduction for such control period under 40 CFR § 97.825(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with 40 CFR § 97.825(b), of multiplying -

(a) The quotient of the amount by which the common designated representative's share of such NO<sub>x</sub> emissions exceeds the common designated representative's assurance level divided by

the sum of the amounts, determined for all common designated representatives for such sources and units in the state for such control period, by which each common designated representative's share of such NO<sub>x</sub> emissions exceeds the respective common designated representative's assurance level; and

- (b) The amount by which total NO<sub>x</sub> emissions from all CSAPR NO<sub>x</sub> Ozone Season Group 2 units at CSAPR NO<sub>x</sub> Ozone Season Group 2 sources in the state for such control period exceed the state assurance level.
  - (2) The owners and operators shall hold the CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances required under paragraph C.(ii)(1) above, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after such control period.
  - (3) Total NO<sub>x</sub> emissions from all CSAPR NO<sub>x</sub> Ozone Season Group 2 units at CSAPR NO<sub>x</sub> Ozone Season Group 2 sources in the state during a control period in a given year exceed the state assurance level if such total NO<sub>x</sub> emissions exceed the sum, for such control period, of the state NO<sub>x</sub> Ozone Season Group 2 trading budget under 40 CFR § 97.810(a) and the state's variability limit under 40 CFR § 97.810(b).
  - (4) It shall not be a violation of 40 CFR Part 97, Subpart EEEEE or of the Clean Air Act if total NO<sub>x</sub> emissions from all CSAPR NO<sub>x</sub> Ozone Season Group 2 units at CSAPR NO<sub>x</sub> Ozone Season Group 2 sources in the state during a control period exceed the state assurance level or if a common designated representative's share of total NO<sub>x</sub> emissions from the CSAPR NO<sub>x</sub> Ozone Season Group 2 units at CSAPR NO<sub>x</sub> Ozone Season Group 2 sources in the state during a control period exceeds the common designated representative's assurance level.
  - (5) To the extent the owners and operators fail to hold CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances for a control period in a given year in accordance with paragraphs C.(ii)(1) through (3) above,
    - (a) The owners and operators shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and
    - (b) Each CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance that the owners and operators fail to hold for such control period in accordance with paragraphs C.(ii)(1) through (3) above and each day of such control period shall constitute a separate violation of 40 CFR Part 97, Subpart EEEEE and the Clean Air Act.
- (iii) Compliance periods
- (1) A CSAPR NO<sub>x</sub> Ozone Season Group 2 unit shall be subject to the requirements under paragraph C.(i) above for the control period starting on the later of May 1, 2017 or the deadline for meeting the unit's monitor certification requirements under 40 CFR § 97.830(b) and for each control period thereafter.

(2) A CSAPR NO<sub>x</sub> Ozone Season Group 2 unit shall be subject to the requirements under paragraph C.(ii) above for the control period starting on the later of May 1, 2017 or the deadline for meeting the unit's monitor certification requirements under 40 CFR § 97.830(b) and for each control period thereafter.

(iv) Vintage of allowances held for compliance

(1) A CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance held for compliance with the requirements under paragraph C.(i)(1) above for a control period in a given year must be a CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance that was allocated for such control period or a control period in a prior year.

(2) A CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance held for compliance with the requirements under paragraphs C.(i)(2)(a) and (ii)(1) through (3) above for a control period in a given year must be a CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance that was allocated for a control period in a prior year or the control period in the given year or in the immediately following year.

(v) Allowance Management System requirements. Each CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with 40 CFR Part 97, Subpart EEEEE.

(vi) Limited authorization. A CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance is a limited authorization to emit one ton of NO<sub>x</sub> during the control period in one year. Such authorization is limited in its use and duration as follows:

(1) Such authorization shall only be used in accordance with the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program; and

(2) Notwithstanding any other provision of 40 CFR Part 97, Subpart EEEEE, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.

(vii) Property right. A CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance does not constitute a property right.

D. FOP revision requirements

(i) No FOP revision shall be required for any allocation, holding, deduction, or transfer of CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances in accordance with 40 CFR Part 97, Subpart EEEEE.

(ii) This FOP incorporates the CSAPR emissions monitoring, recordkeeping and reporting requirements pursuant to 40 CFR §§ 97.830 through 97.835, and the requirements for a continuous emission monitoring system (pursuant to 40 CFR Part 75, subpart H), an excepted monitoring system (pursuant to 40 CFR Part 75, appendices D and E), a low mass emissions excepted monitoring methodology (pursuant to 40 CFR § 75.19), and an alternative monitoring system (pursuant to 40 CFR Part 75, subpart E). Therefore the Description of CSAPR Monitoring

Provisions for CSAPR subject unit(s) may be added to, or changed, in this FOP using procedures for minor permit revisions in accordance with 30 TAC § 122.217.

E. Additional recordkeeping and reporting requirements

- (i) Unless otherwise provided, the owners and operators of each CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.
  - (1) The certificate of representation under 40 CFR § 97.816 for the designated representative for the source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under 40 CFR § 97.816 changing the designated representative.
  - (2) All emissions monitoring information, in accordance with 40 CFR Part 97, Subpart EEEEE.
  - (3) Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program.
- (ii) The designated representative of a CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall make all submissions required under the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program, except as provided in 40 CFR § 97.818. This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under 30 TAC § 122.165.

F. Liability

- (i) Any provision of the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program that applies to a CSAPR NO<sub>x</sub> Ozone Season Group 2 source or the designated representative of a CSAPR NO<sub>x</sub> Ozone Season Group 2 source shall also apply to the owners and operators of such source and of the CSAPR NO<sub>x</sub> Ozone Season Group 2 units at the source.
- (ii) Any provision of the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program that applies to a CSAPR NO<sub>x</sub> Ozone Season Group 2 unit or the designated representative of a CSAPR NO<sub>x</sub> Ozone Season Group 2 unit shall also apply to the owners and operators of such unit.

G. Effect on other authorities

- (i) No provision of the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program or exemption under 40 CFR § 97.805 shall be construed as exempting or excluding

the owners and operators, and the designated representative, of a CSAPR NO<sub>x</sub> Ozone Season Group 2 source or CSAPR NO<sub>x</sub> Ozone Season Group 2 unit from compliance with any other provision of the applicable, approved state implementation plan, a federally enforceable permit, or the Clean Air Act.

### **Federal Implementation Plan for Regional Haze (Texas SO<sub>2</sub> Trading Program) Requirements**

28. For units U1-B1, U2-B2, and U3-B3 (identified in the Certificate of Representation as units 1, 2, and 3), located at the site identified by Plant code/ORIS/Facility code 6146, the designated representative and the owner or operator, as applicable, shall comply with the following Texas SO<sub>2</sub> Trading Program requirements.
- A. General Requirements
- (i) The owners and operators of the Texas SO<sub>2</sub> Trading Program source and each Texas SO<sub>2</sub> Trading Program unit at the source shall operate the source and the unit in compliance with the requirements of the Texas SO<sub>2</sub> Trading Program and all other applicable State and federal requirements.
  - (ii) The owners and operators of the Texas SO<sub>2</sub> Trading Program source and each Texas SO<sub>2</sub> Trading Program unit at the source shall comply with the requirements of 40 CFR Part 97, Subpart FFFFF for Texas SO<sub>2</sub> Trading Program, and with the General Terms and Conditions of the Federal Operating Permit (FOP) that incorporates the Texas SO<sub>2</sub> Trading Program requirements.
- B. Description of Monitoring Provisions
- (i) The Texas SO<sub>2</sub> Trading Program subject unit(s), and the unit-specific monitoring provisions at this source, are identified in the following paragraph(s).
    - (1) For unit(s) U1-B1, U2-B2, and U3-B3, the owners and operators shall comply with the continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR Part 75, Subpart B for SO<sub>2</sub> and 40 CFR Part 75, Subpart H for heat input.
  - (ii) The above description of the monitoring used by a unit does not change, create an exemption from, or otherwise affect the monitoring, recordkeeping, and reporting requirements applicable to the unit under 40 CFR §§ 97.930 through 97.935 (Texas SO<sub>2</sub> Trading Program). The monitoring, recordkeeping and reporting requirements applicable to each unit are included below in the standard conditions for the Texas SO<sub>2</sub> Trading Program.
  - (iii) Owners and operators must submit to the Administrator a monitoring plan for each unit in accordance with 40 CFR §§ 75.53, 75.62 and 75.73, as applicable. The monitoring plan for each unit is available at the EPA's website at <https://www.epa.gov/airmarkets/clean-air-markets-monitoring-plans-part-75-sources>.
  - (iv) Owners and operators that want to use an alternative monitoring system must submit to the Administrator a petition requesting approval of the alternative monitoring system in accordance with 40 CFR Part 75, Subpart E and 40 CFR § 75.66 and § 97.935 (Texas SO<sub>2</sub> Trading Program). The Administrator's response approving or disapproving any petition for an alternative monitoring system is available on the EPA's website at <https://www.epa.gov/airmarkets/part-75-petition-responses>.

- (v) Owners and operators that want to use an alternative to any monitoring, recordkeeping, or reporting requirement under 40 CFR §§ 97.930 through 97.934 (Texas SO<sub>2</sub> Trading Program) must submit to the Administrator a petition requesting approval of the alternative in accordance with 40 CFR § 75.66 and § 97.935 (Texas SO<sub>2</sub> Trading Program). The Administrator's response approving or disapproving any petition for an alternative to a monitoring, recordkeeping, or reporting requirement is available on the EPA's website at <https://www.epa.gov/airmarkets/part-75-petition-responses>.
- (vi) The descriptions of monitoring applicable to the unit(s) included above meet the requirement of 40 CFR §§ 97.930 through 97.934 (Texas SO<sub>2</sub> Trading Program), and therefore procedures for minor permit revisions, in accordance with 30 TAC § 122.217, may be used to add or change this unit's monitoring system description.

29. Texas SO<sub>2</sub> Trading Program Requirements (40 CFR § 97.906)

A. Designated representative requirements

- (i) The owners and operators shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with 40 CFR §§ 97.913 through 97.918.

B. Emissions monitoring, reporting, and recordkeeping requirements

- (i) The owners and operators, and the designated representative, of each Texas SO<sub>2</sub> source and each Texas SO<sub>2</sub> unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR § 97.930 (general requirements, including installation, certification, and data accounting, compliance deadlines, reporting data, prohibitions, and long-term cold storage), § 97.931 (initial monitoring system certification and recertification procedures), § 97.932 (monitoring system out-of-control periods), § 97.933 (notifications concerning monitoring), § 97.934 (recordkeeping and reporting, including monitoring plans, certification applications, quarterly reports, and compliance certification), and § 97.935 (petitions for alternatives to monitoring, recordkeeping, or reporting requirements).
- (ii) The emissions data determined in accordance with §§ 97.930 through 97.935 shall be used to calculate allocations of Texas SO<sub>2</sub> Trading Program allowances under § 97.912 and to determine compliance with the Texas SO<sub>2</sub> Trading Program emissions limitation under paragraph (c) of this section, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with §§ 97.930 through 97.935 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero and any fraction of a ton greater than or equal to 0.50 being deemed to be a whole ton.

C. SO<sub>2</sub> emissions requirements

- (i) Texas SO<sub>2</sub> Trading Program emissions limitation
  - (1) As of the allowance transfer deadline for a control period in a given year, the owners and operators of each Texas SO<sub>2</sub> Trading Program source

and each Texas SO<sub>2</sub> Trading Program unit at the source shall hold, in the source's compliance account, Texas SO<sub>2</sub> Trading Program allowances available for deduction for such control period under § 97.924(a) in an amount not less than the tons of total SO<sub>2</sub> emissions for such control period from all Texas SO<sub>2</sub> Trading Program units at the source.

- (2) If total SO<sub>2</sub> emissions during a control period in a given year from the Texas SO<sub>2</sub> Trading Program units at a Texas SO<sub>2</sub> Trading Program source are in excess of the Texas SO<sub>2</sub> Trading Program emissions limitation set forth in paragraph C.(i)(1) of this section, then:
  - (a) The owners and operators of the source and each Texas SO<sub>2</sub> Trading Program unit at the source shall hold the Texas SO<sub>2</sub> Trading Program allowances required for deduction under § 97.924(d); and
  - (b) The owners and operators of the source and each Texas SO<sub>2</sub> Trading Program unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart and the Clean Air Act.
- (ii) Compliance periods. A Texas SO<sub>2</sub> Trading Program unit shall be subject to the requirements under paragraph C.(i) of this section for the control period starting on the later of January 1, 2019 or the deadline for meeting the unit's monitor certification requirements under § 97.930(b) and for each control period thereafter.
- (iii) Vintage of allowances held for compliance
  - (1) A Texas SO<sub>2</sub> Trading Program allowance held for compliance with the requirements under paragraph C.(i)(1) of this section for a control period in a given year must be a Texas SO<sub>2</sub> Trading Program allowance that was allocated for such control period or a control period in a prior year.
  - (2) A Texas SO<sub>2</sub> Trading Program allowance held for compliance with the requirements under paragraph C.(i)(2)(a) of this section for a control period in a given year must be a Texas SO<sub>2</sub> Trading Program allowance that was allocated for a control period in a prior year or the control period in the given year or in the immediately following year.
- (iv) Allowance Management System requirements. Each Texas SO<sub>2</sub> Trading Program allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with 40 CFR Part 97, Subpart FFFFF.
- (v) Limited authorization. A Texas SO<sub>2</sub> Trading Program allowance is a limited authorization to emit one ton of SO<sub>2</sub> during the control period in one year. Such authorization is limited in its use and duration as follows:
  - (1) Such authorization shall only be used in accordance with the Texas SO<sub>2</sub> Trading Program; and

(2) Notwithstanding any other provision of 40 CFR Part 97, Subpart FFFFF, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.

(vi) Property right. A Texas SO<sub>2</sub> Trading Program allowance does not constitute a property right.

D. FOP revision requirements

(i) No FOP revision shall be required for any allocation, holding, deduction, or transfer of Texas SO<sub>2</sub> Trading Program allowances in accordance with 40 CFR Part 97, Subpart FFFFF.

(ii) This FOP incorporates the Texas SO<sub>2</sub> Trading Program emissions monitoring, recordkeeping and reporting requirements pursuant to 40 CFR §§ 97.930 through 97.935, and the requirements for a continuous emission monitoring system (pursuant to 40 CFR Part 75, subpart B), an excepted monitoring system (pursuant to 40 CFR Part 75, appendices D and E), a low mass emissions excepted monitoring methodology (pursuant to 40 CFR § 75.19), and an alternative monitoring system (pursuant to 40 CFR Part 75, subpart E). Therefore the Description of Monitoring Provisions for Texas SO<sub>2</sub> Trading Program subject unit(s) may be added to, or changed, in this FOP using procedures for minor permit revisions in accordance with 30 TAC § 122.217.

E. Additional recordkeeping and reporting requirements

(i) Unless otherwise provided, the owners and operators of each Texas SO<sub>2</sub> Trading Program source and each Texas SO<sub>2</sub> Trading Program unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.

(1) The certificate of representation under § 97.916 for the designated representative for the source and each Texas SO<sub>2</sub> Trading Program unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under § 97.916 changing the designated representative.

(2) All emissions monitoring information, in accordance with 40 CFR Part 97, Subpart FFFFF.

(3) Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the Texas SO<sub>2</sub> Trading Program.

(ii) The designated representative of a Texas SO<sub>2</sub> Trading Program source and each Texas SO<sub>2</sub> Trading Program unit at the source shall make all submissions required under the Texas SO<sub>2</sub> Trading Program, except as provided in § 97.918.

This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under 30 TAC § 122.165.

F. Liability

- (i) Any provision of the Texas SO<sub>2</sub> Trading Program that applies to a Texas SO<sub>2</sub> Trading Program source or the designated representative of a Texas SO<sub>2</sub> Trading Program source shall also apply to the owners and operators of such source and of the Texas SO<sub>2</sub> Trading Program units at the source.
- (ii) Any provision of the Texas SO<sub>2</sub> Trading Program that applies to a Texas SO<sub>2</sub> Trading Program unit or the designated representative of a Texas SO<sub>2</sub> Trading Program unit shall also apply to the owners and operators of such unit.

G. Effect on other authorities

- (i) No provision of the Texas SO<sub>2</sub> Trading Program or exemption under § 97.905 shall be construed as exempting or excluding the owners and operators, and the designated representative, of a Texas SO<sub>2</sub> Trading Program source or Texas SO<sub>2</sub> Trading Program unit from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.

## **Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**New Source Review Authorization References**

**Alternative Requirement**

### Applicable Requirements Summary

**Unit Summary** ..... 31

**Applicable Requirements Summary** ..... 33

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
A1-DA	MSW / WASTE DISPOSAL SITE	N/A	61M	40 CFR Part 61, Subpart M	No changing attributes.
BSTRPMPD	SRIC ENGINES	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPAUX	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	AUXB-A, AUXB-B	R200-1	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
GRPAUX	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	AUXB-A, AUXB-B	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
GRPBOIL123	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	U1-B1, U2-B2, U3- B3	R1153	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
GRPBOIL123	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	U1-B1, U2-B2, U3- B3	R200-1	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
GRPBOIL123	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	U1-B1, U2-B2, U3- B3	R73000	30 TAC Chapter 117, Subchapter E, Division 1	No changing attributes.
GRPBOIL123	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	U1-B1, U2-B2, U3- B3	60D-SFF	40 CFR Part 60, Subpart D	No changing attributes.
GRPBOIL123	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	U1-B1, U2-B2, U3- B3	63UUUUU	40 CFR Part 63, Subpart UUUUU	No changing attributes.
GRPCOAL	COAL PREPARATION PLANT	LG12-4F, LG3-4F	60Y-74-08	40 CFR Part 60, Subpart Y	No changing attributes.
GRPCOAL2	COAL PREPARATION PLANT	LG12-7F, LG3-7F	60Y-08+	40 CFR Part 60, Subpart Y	No changing attributes.

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPFASVENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FA1A-1, FA1A-2, FA1A-3, FA1B-1, FA1B-2, FA1B-3, FA2A-1, FA2A-2, FA2A-3, FA2B-1, FA2B-2, FA2B-3	R1151	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
GRPFASVENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FA1A-1, FA1A-2, FA1A-3, FA1B-1, FA1B-2, FA1B-3, FA2A-1, FA2A-2, FA2A-3, FA2B-1, FA2B-2, FA2B-3	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GRPSTACK	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	S-1, S-2, S-3	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
ML-TGDG	SRIC ENGINES	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
S1A&B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
A1-DA	PRO	61M	112(B) HAPS	40 CFR Part 61, Subpart M	[G]§ 61.154(c) [G]§ 61.154(b) § 61.154(e)(3) § 61.154(g)	Either meet the no visible emissions requirements of §61.154(a), or cover any asbestos-containing waste material per the methods specified.	None	[G]§ 61.154(e)(1) § 61.154(e)(4) § 61.154(f) § 61.154(i)	[G]§ 61.153(a)(5) § 61.153(b) § 61.154(e)(2) § 61.154(h) § 61.154(i) [G]§ 61.154(j)
BSTRPMPD	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
GRPAUX	EU	R200-1	SO <sub>2</sub>	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO <sub>2</sub> from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
GRPAUX	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.1 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7500(c) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(12) § 63.7540(a)(13)	A new or existing limited use boiler or process heater with a heat input capacity of less than or equal to 5 million Btu per hour must conduct a tune-up of the boiler or process heater every 5 years as specified in § 63.7540.	§ 63.7515(d) § 63.7540(a) [G]§ 63.7540(a)(10)	§ 63.7525(k) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(3) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(6) § 63.7545(e)(7) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(iii)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h)(3)
GRPBOIL123	EU	R1153	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.153(b) § 111.153(a)	No person may cause, suffer, allow, or permit emissions of particulate matter from any solid fossil fuel-fired steam generator to exceed 0.3 pound of total suspended particulate per million Btu heat input, averaged over a two-hour period.	** See CAM Summary	None	None
GRPBOIL123	EU	R200-1	SO <sub>2</sub>	30 TAC Chapter 112, Sulfur Compounds	§ 112.8(a)	Except as in §112.8(b), no person may cause, suffer, allow, or permit emissions of SO <sub>2</sub> from solid fossil fuel-fired steam generators to exceed 3.0 lb/MMBtu heat input averaged over a 3-hour period.	§ 112.2(a) § 112.8(d) ** See CAM Summary	§ 112.2(c)	§ 112.2(b)
GRPBOIL123	EU	R73000	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter E, Division 1	§ 117.3020(c) § 117.3020(a) § 117.3020(b) § 117.3020(d) § 117.3020(e) § 117.3020(i) § 117.3020(j) § 117.3020(k) § 117.3020(l)	The annual average emission cap shall be calculated using the equation in §117.3020(c).	§ 117.3020(d) § 117.3020(e) [G]§ 117.3020(e)(1) § 117.3020(h) § 117.3020(k) § 117.3040(a) § 117.3040(d) § 117.3040(d)(1) [G]§ 117.3040(d)(2)	§ 117.3020(f) § 117.3045(a) [G]§ 117.3045(e)	§ 117.3020(g) § 117.3045(b) § 117.3045(b)(1) § 117.3045(b)(2) [G]§ 117.3045(c) [G]§ 117.3045(d) [G]§ 117.3054(a) [G]§ 117.3054(b) § 117.3054(c)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 117.3040(d)(3) § 117.3040(h) § 117.3040(h)(1)		§ 117.3056
GRPBOIL123	EU	60D-SFF	NO <sub>x</sub>	40 CFR Part 60, Subpart D	§ 60.44(a)(3)	On/after the §60.8 test, no affected facility shall emit gases containing NO <sub>x</sub> , expressed as NO <sub>2</sub> in excess of 300 ng/J heat input (0.70 lb/MMBtu) derived from solid fossil fuel or solid fossil fuel and wood residue (except lignite or a solid fossil fuel containing 25 percent, by weight, or more of coal refuse).	§ 60.45(a) § 60.45(b)(3) § 60.45(c) § 60.45(c)(1) § 60.45(c)(2) § 60.45(c)(3) § 60.45(c)(3)(i) § 60.45(c)(3)(ii) [G]§ 60.45(e) [G]§ 60.45(f) § 60.45(g) § 60.45(g)(3) § 60.45(g)(3)(i) § 60.46(a) § 60.46(b)(1) [G]§ 60.46(b)(5) [G]§ 60.46(d)(1) § 60.46(d)(5) § 60.46(d)(6) § 60.46(d)(7)	None	§ 60.45(g)
GRPBOIL123	EU	60D-SFF	PM	40 CFR Part 60, Subpart D	§ 60.42(a)(1)	On/after the §60.8 test, no affected facility shall emit gases containing particulate matter in excess of 43 ng/J heat input (0.10 lb/MMBtu) derived from fossil fuel or fossil fuel and wood residue.	§ 60.46(a) § 60.46(b)(1) [G]§ 60.46(b)(2) [G]§ 60.46(d)(1) § 60.46(d)(2) [G]§ 60.46(d)(3) § 60.46(d)(6) § 60.46(d)(7) ** See CAM Summary	None	None
GRPBOIL123	EU	60D-SFF	PM (Opacity)	40 CFR Part 60, Subpart D	§ 60.42(a)(2)	On/after the §60.8 test, no affected facility shall emit gases exhibiting greater than 20% opacity except for one six minute period per	§ 60.45(a) § 60.45(c) § 60.45(c)(3) § 60.45(g) § 60.45(g)(1)	None	§ 60.45(g)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						hour of not more than 27% opacity.	§ 60.46(a) § 60.46(b)(3)		
GRPBOIL123	EU	60D-SFF	SO <sub>2</sub>	40 CFR Part 60, Subpart D	§ 60.43(a)(2)	On/after the §60.8 test, no affected facility shall emit gases containing SO <sub>2</sub> in excess of 520 ng/J heat input (1.2 lb/MMBtu) derived from solid fossil fuel or solid fossil fuel and wood residue.	§ 60.45(a) § 60.45(c) § 60.45(c)(1) § 60.45(c)(2) § 60.45(c)(3) § 60.45(c)(3)(i) § 60.45(c)(3)(ii) [G]§ 60.45(e) [G]§ 60.45(f) § 60.45(g) § 60.45(g)(2)(i) § 60.46(a) § 60.46(b)(1) [G]§ 60.46(b)(4) [G]§ 60.46(d)(1) [G]§ 60.46(d)(3) § 60.46(d)(4) § 60.46(d)(6) § 60.46(d)(7) ** See CAM Summary	None	§ 60.45(g)
GRPBOIL123	EU	63UUUUU	Hydrogen Chloride	40 CFR Part 63, Subpart UUUUU	§ 63.9991(a)(1)-Table 2.1.b § 63.10000(a) § 63.10000(b) [G]§ 63.10000(c)(1)(i)(D) § 63.10000(e) § 63.10005(a) § 63.10005(e) § 63.10005(f) § 63.10005(h)(1) § 63.10005(h)(1)(i) § 63.10005(j) [G]§ 63.10006(i) § 63.10007(e)	For existing coal-fired unit not low rank virgin coal, hydrogen chloride limit is 0.002 lb/MMBtu heat input. For Method 26A at appendix A-8 to part 60 of this chapter, collect a minimum of 0.75 dscm per run; for Method 26, collect a minimum of 120 liters per run. For ASTM D6348-03 or Method 320 at appendix A to part 63 of this chapter, sample for a minimum of 1 hour.	§ 63.10000(c)(1) § 63.10000(c)(1)(i) § 63.10000(c)(1)(iii) § 63.10005(a) § 63.10005(a)(1) [G]§ 63.10005(b) [G]§ 63.10005(h)(2) § 63.10006(b) § 63.10006(b)(1) [G]§ 63.10006(f)(1) § 63.10006(f)(2) [G]§ 63.10006(f)(3) § 63.10006(g) § 63.10006(h) § 63.10007(a)	[G]§ 63.10005(b) § 63.10005(f) § 63.10020(a) § 63.10020(b) § 63.10020(d) [G]§ 63.10032(a) § 63.10032(c) § 63.10032(d) § 63.10032(d)(1) § 63.10032(d)(3) § 63.10032(f) § 63.10032(f)(1) § 63.10032(g) § 63.10032(h) § 63.10032(i)	§ 63.10005(k) § 63.10021(f) § 63.10021(g) § 63.10030(a) § 63.10030(b) § 63.10030(d) [G]§ 63.10030(e) § 63.10030(f) § 63.10031(a) § 63.10031(a)-Table 8.10 § 63.10031(a)-Table 8.11 § 63.10031(a)-Table 8.6 § 63.10031(a)-Table 8.9 [G]§ 63.10031(b) [G]§ 63.10031(c)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.10011(f)(1) § 63.10011(f)(2) § 63.10011(g) § 63.10011(g)(1) § 63.10011(g)(2) § 63.10011(g)(3) § 63.10021(e)-Table 7.5 § 63.10021(e)-Table 7.6 § 63.10021(e)-Table 7.7 [G]§ 63.10021(e) § 63.10021(h) § 63.10021(h)(1) § 63.10021(h)(2) § 63.10040 § 63.9991(a)(1) § 63.9991(a)(1)-Table 3.1 § 63.9991(a)(1)-Table 3.3.a.(1) § 63.9991(a)(1)-Table 3.3.d § 63.9991(a)(1)-Table 3.4		§ 63.10007(a)(2) § 63.10007(b) § 63.10007(b)-Table 5.3 § 63.10007(d) § 63.10007(e)(1) § 63.10007(e)(2) § 63.10007(e)(2)(ii) § 63.10011(a) § 63.10011(d) § 63.10011(e) § 63.10020(a) § 63.10020(b) § 63.10020(c) § 63.10021(a) § 63.10021(d) § 63.10021(d)(1) § 63.10021(d)(2) § 63.10021(d)-Table 7.4 ** See Alternative Requirement	§ 63.10033(a) § 63.10033(b) § 63.10033(c)	§ 63.10031(e) § 63.10031(f) § 63.10031(f)(4) § 63.10031(f)(5) [G]§ 63.10031(f)(6) § 63.10031(g)
GRPBOIL123	EU	63UUUUU	Mercury	40 CFR Part 63, Subpart UUUUU	§ 63.9991(a)(1)-Table 2.1.c § 63.10000(a) § 63.10000(b) § 63.10000(d)(1) [G]§ 63.10000(d)(2) § 63.10000(d)(4) § 63.10000(e) § 63.10005(a) § 63.10005(d) § 63.10005(e) § 63.10005(f) § 63.10005(j)	For existing coal-fired unit not low rank virgin coal, mercury limit is 1.2 lb/TBtu heat input. LEE Testing for 30 days with a sampling period consistent with that given in section 5.2.1 of appendix A to this subpart per Method 30B at appendix A-8 to part 60 of this chapter run or Hg CEMS or sorbent trap monitoring system only.	§ 63.10000(c)(1) [G]§ 63.10000(c)(1)(vi) § 63.10005(a) § 63.10005(a)(1) § 63.10005(a)(2) § 63.10005(a)(2)(i) § 63.10005(a)(2)(ii) [G]§ 63.10005(b) § 63.10005(d)(3) [G]§ 63.10006(f)(1) [G]§ 63.10006(f)(3) § 63.10006(g)	§ 63.10000(d)(1) [G]§ 63.10000(d)(2) [G]§ 63.10000(d)(5) [G]§ 63.10005(b) § 63.10005(f) § 63.10020(a) § 63.10020(b) § 63.10020(d) [G]§ 63.10032(a) [G]§ 63.10032(b) § 63.10032(c) § 63.10032(d) § 63.10032(d)(1)	§ 63.10000(d)(3) § 63.10005(k) § 63.10021(f) § 63.10021(g) § 63.10030(a) § 63.10030(b) § 63.10030(d) [G]§ 63.10030(e) § 63.10030(f) § 63.10031(a) § 63.10031(a)(1) § 63.10031(a)-Table 8.1 § 63.10031(a)-Table 8.10

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.10006(i) § 63.10007(e) [G]§ 63.10009(a) § 63.10009(c) [G]§ 63.10009(d) § 63.10009(e) § 63.10009(f) § 63.10009(f)(1) § 63.10011(f)(1) § 63.10011(f)(2) [G]§ 63.10011(g) § 63.10021(e)-Table 7.5 § 63.10021(e)-Table 7.6 § 63.10021(e)-Table 7.7 [G]§ 63.10021(e) [G]§ 63.10021(h) § 63.10040 § 63.9991(a)(1) § 63.9991(a)(1)-Table 3.1 § 63.9991(a)(1)-Table 3.3.a.(1) § 63.9991(a)(1)-Table 3.3.c § 63.9991(a)(1)-Table 3.3.d § 63.9991(a)(1)-Table 3.4		§ 63.10007(a) § 63.10007(a)(1) § 63.10007(a)(2) § 63.10007(b) § 63.10007(b)-Table 5.4 § 63.10007(d) § 63.10007(e)(1) § 63.10007(e)(2) § 63.10007(e)(2)(v) § 63.10007(f) [G]§ 63.10007(f)(1) § 63.10009(b)(2) § 63.10009(f) § 63.10009(g) § 63.10009(g)(1) § 63.10009(h) [G]§ 63.10009(j) § 63.10010(a)(1) § 63.10010(b) § 63.10010(c) § 63.10010(d) § 63.10010(g) § 63.10011(a) § 63.10011(c)(1) § 63.10011(e) § 63.10020(a) § 63.10020(b) § 63.10020(c) § 63.10021(a) § 63.10021(b) § 63.10021(b)-Table 7.1 § 63.10022(a) § 63.10022(a)(1) § 63.10022(a)(4) § 63.10022(b)	§ 63.10032(e) § 63.10032(f) § 63.10032(f)(1) § 63.10032(g) § 63.10032(h) § 63.10032(i) § 63.10033(a) § 63.10033(b) § 63.10033(c)	§ 63.10031(a)-Table 8.11 § 63.10031(a)-Table 8.7 § 63.10031(a)-Table 8.8 § 63.10031(a)-Table 8.9 [G]§ 63.10031(b) [G]§ 63.10031(c) § 63.10031(d) § 63.10031(e) § 63.10031(f) § 63.10031(f)(1) § 63.10031(f)(2) § 63.10031(f)(4) § 63.10031(f)(5) [G]§ 63.10031(f)(6) § 63.10031(g) § 63.9991(a)(1)-Table 3.3.a.(1)
GRPBOIL123	EU	63UUUUU	PM	40 CFR Part 63, Subpart UUUUU	§ 63.9991(a)(1)-Table 2.1.a	For existing coal-fired unit not low rank virgin coal,	§ 63.10000(c)(1) § 63.10000(c)(1)(iv)	§ 63.10000(d)(1) [G]§ 63.10000(d)(2)	§ 63.10000(d)(3) § 63.10000(l)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.10000(a) § 63.10000(b) § 63.10000(d)(1) [G]§ 63.10000(d)(2) § 63.10000(d)(4) § 63.10000(e) § 63.10000(l) § 63.10005(a) § 63.10005(d) § 63.10005(e) § 63.10005(f) § 63.10005(j) [G]§ 63.10006(i) § 63.10007(e) § 63.10011(f)(1) § 63.10011(f)(2) [G]§ 63.10011(g) § 63.10021(e)-Table 7.5 § 63.10021(e)-Table 7.6 § 63.10021(e)-Table 7.7 [G]§ 63.10021(e) [G]§ 63.10021(h) § 63.10040 § 63.9991(a)(1) § 63.9991(a)(1)-Table 3.1 § 63.9991(a)(1)-Table 3.3.a.(1) § 63.9991(a)(1)-Table 3.3.d § 63.9991(a)(1)-Table 3.4	filterable PM limit is 0.03 lb/MMBtu heat input. Collect a minimum of 1 dscm per run.	§ 63.10000(c)(1)(iv)(A) § 63.10000(c)(1)(iv)(B) § 63.10000(l) § 63.10005(a) § 63.10005(a)(1) § 63.10005(a)(2) § 63.10005(a)(2)(i) § 63.10005(a)(2)(ii) [G]§ 63.10005(b) § 63.10005(d)(1) [G]§ 63.10006(f)(1) § 63.10006(f)(2) [G]§ 63.10006(f)(3) § 63.10006(g) § 63.10007(a) § 63.10007(a)(1) § 63.10007(b) § 63.10007(b)-Table 5.1 § 63.10007(d) § 63.10007(e)(1) § 63.10007(e)(2) § 63.10007(f) [G]§ 63.10007(f)(1) § 63.10010(a)(1) § 63.10010(b) § 63.10010(d) [G]§ 63.10010(i) § 63.10011(a) § 63.10011(c)(2) § 63.10011(e) § 63.10020(a) § 63.10020(b) § 63.10020(c) § 63.10021(a) § 63.10021(b)	[G]§ 63.10000(d)(5) § 63.10000(l) [G]§ 63.10005(b) § 63.10005(f) [G]§ 63.10010(i) § 63.10020(a) § 63.10020(b) § 63.10020(d) [G]§ 63.10032(a) [G]§ 63.10032(b) § 63.10032(c) § 63.10032(d) § 63.10032(d)(1) § 63.10032(f) § 63.10032(f)(1) § 63.10032(g) § 63.10032(h) § 63.10032(i) § 63.10033(a) § 63.10033(b) § 63.10033(c)	§ 63.10005(k) § 63.10021(f) § 63.10021(g) § 63.10030(a) § 63.10030(b) § 63.10030(d) [G]§ 63.10030(e) § 63.10030(f) § 63.10031(a) § 63.10031(a)(3) § 63.10031(a)-Table 8.10 § 63.10031(a)-Table 8.11 § 63.10031(a)-Table 8.13 § 63.10031(a)-Table 8.3 § 63.10031(a)-Table 8.7 § 63.10031(a)-Table 8.8 § 63.10031(a)-Table 8.9 [G]§ 63.10031(b) [G]§ 63.10031(c) § 63.10031(d) § 63.10031(e) § 63.10031(f) § 63.10031(f)(1) § 63.10031(f)(2) § 63.10031(f)(4) § 63.10031(f)(5) [G]§ 63.10031(f)(6) § 63.10031(g)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.10021(b)-Table 7.1		
GRPCOAL	EU	60Y-74-08	PM (Opacity)	40 CFR Part 60, Subpart Y	§ 60.254(a) § 60.257(a)	On and after the date on which the performance test is conducted or required to be completed under §60.8, whichever date comes first, an owner or operator shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified on or before April 28, 2008, gases which exhibit 20 percent opacity or greater.	§ 60.255(a) § 60.257(a) [G]§ 60.257(a)(1) [G]§ 60.257(a)(2) [G]§ 60.257(a)(3) ** See Periodic Monitoring Summary	None	§ 60.258(c) § 60.258(d)
GRPCOAL2	EU	60Y-08+	PM (Opacity)	40 CFR Part 60, Subpart Y	§ 60.254(b)(1) § 60.254(b) § 60.255(c) § 60.257(a)	Except as provided in paragraph (b)(3) of this section, an owner or operator of any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal constructed, reconstructed, or modified after April 28, 2008 must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 10 percent opacity or greater.	§ 60.255(b) [G]§ 60.255(b)(2) § 60.257(a) [G]§ 60.257(a)(1) [G]§ 60.257(a)(2) [G]§ 60.257(a)(3)	§ 60.258(a) § 60.258(a)(1) § 60.258(a)(2) § 60.258(a)(3) § 60.258(a)(4)	§ 60.258(b) § 60.258(b)(3) § 60.258(c) § 60.258(d)
GRPFASVE NT	EP	R1151	PM	30 TAC Chapter 111,	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Nonagricultural Processes		emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).			
GRPFASVE NT	EP	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRPSTACK	EP	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
ML-TGDG	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
S1A&B	EP	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

**Additional Monitoring Requirements**

**Compliance Assurance Monitoring Summary ..... 44**

**Periodic Monitoring Summary ..... 49**

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPBOIL123	
Control Device ID No.: ESP-1	Control Device Type: Wet or dry electrostatic precipitator
Control Device ID No.: ESP-2	Control Device Type: Wet or dry electrostatic precipitator
Control Device ID No.: ESP-3	Control Device Type: Wet or dry electrostatic precipitator
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1153
Pollutant: PM	Main Standard: § 111.153(b)
<b>Monitoring Information</b>	
Indicator: Opacity	
Minimum Frequency: 6 times per minute	
Averaging Period: 2-hour block	
Deviation Limit: Maximum opacity = 20%.	
<p>CAM Text: The continuous opacity monitoring system (COMS) shall be operated in accordance with 40 CFR 60.13 and Performance Specifications of 40 CFR Part 60.</p> <p>The COMS shall take six 10-second readings per minute and record a six minute average opacity. The six minute average values will then be averaged over a 2-hour block. The 2-hour block will start at the beginning of each clock hour of the day and end at the second clock hour (i.e. 0000-0200, 0200-0400, etc.)</p> <p>A valid 2-hour block shall consist of at least 19 of the 20 six minute readings (95%) that the boiler is in operation. Monitoring data shall not be included in the two-hour block average during periods of monitoring malfunctions, associated repairs, and required quality assurance or control activities, as specified in 40 CFR 64.7(c).</p> <p>For each valid 2-hour block that does not include boiler startup, shutdown, maintenance, or malfunction activities, if the opacity exceeds 20% averaged over the 2-hour block period, it shall be considered and reported as a deviation.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPBOIL123	
Control Device ID No.: FGD-1	Control Device Type: Wet scrubber
Control Device ID No.: FGD-2	Control Device Type: Wet scrubber
Control Device ID No.: FGD-3	Control Device Type: Wet scrubber
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R200-1
Pollutant: SO <sub>2</sub>	Main Standard: § 112.8(a)
<b>Monitoring Information</b>	
Indicator: SO <sub>2</sub> emission rate	
Minimum Frequency: The permit holder will collect at least four data values equally spaced over each hour.	
Averaging Period: 3 hour block	
Deviation Limit: Maximum SO <sub>2</sub> emission rate = 3.0 lb/MMBtu heat input, averaged over a three hour period	
<p>CAM Text: The CEMS shall be operated in accordance with 40 CFR part 75 and Performance Specifications of 40 CFR Part 75.</p> <p>As required by 40 CFR 64.3(b)(2), if the permit holder re-certifies existing monitoring equipment used for CAM purposes or installs new monitoring equipment used for CAM purposes, the permit holder will verify the operational status of the monitoring equipment in accordance with 40 CFR part 75.</p> <p>The CEMS shall be located, installed, and operated in accordance with 40 CFR part 75 and Performance Specifications of 40 CFR Part 75.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPBOIL123	
Control Device ID No.: ESP-1	Control Device Type: Wet or dry electrostatic precipitator
Control Device ID No.: ESP-2	Control Device Type: Wet or dry electrostatic precipitator
Control Device ID No.: ESP-3	Control Device Type: Wet or dry electrostatic precipitator
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-SFF
Pollutant: PM	Main Standard: § 60.42(a)(1)
<b>Monitoring Information</b>	
Indicator: Opacity	
Minimum Frequency: The permit holder will collect at least four data values equally spaced over each hour.	
Averaging Period: Six minutes	
Deviation Limit: Maximum 20% opacity except for one six-minute period per hour of not more than 27% opacity.	
<p>CAM Text: The continuous opacity monitoring system (COMS) shall be operated in accordance with 40 CFR part 60 and Performance Specifications of 40 CFR Part 60.</p> <p>As required by 40 CFR 64.3(b)(2), if the permit holder re-certifies existing monitoring equipment used for CAM purposes or installs new monitoring equipment used for CAM purposes, the permit holder will verify the operational status of the monitoring equipment in accordance with 40 CFR part 60.</p> <p>The COMS shall be located, installed, and operated in accordance with 40 CFR part 60 and Performance Specifications of 40 CFR Part 60.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPBOIL123	
Control Device ID No.: FGD-1	Control Device Type: Wet scrubber
Control Device ID No.: FGD-2	Control Device Type: Wet scrubber
Control Device ID No.: FGD-3	Control Device Type: Wet scrubber
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart D	SOP Index No.: 60D-SFF
Pollutant: SO <sub>2</sub>	Main Standard: § 60.43(a)(2)
<b>Monitoring Information</b>	
Indicator: SO <sub>2</sub> emission rate	
Minimum Frequency: The permit holder will collect at least four data values equally spaced over each hour.	
Averaging Period: Three hours	
Deviation Limit: Maximum SO <sub>2</sub> Emission Rate = 1.2lb/MMBtu heat input, averaged over a three hour period	
<p>CAM Text: The continuous emission monitoring system (CEMS) shall be operated in accordance with 40 CFR part 75 and Performance Specifications of 40 CFR Part 75.</p> <p>As required by 40 CFR 64.3(b)(2), if the permit holder re-certifies existing monitoring equipment used for CAM purposes or installs new monitoring equipment used for CAM purposes, the permit holder will verify the operational status of the monitoring equipment in accordance with 40 CFR part 75.</p> <p>The CEMS shall be located, installed, and operated in accordance with 40 CFR part 75 and Performance Specifications of 40 CFR Part 75.</p>	

## CAM Summary

Unit/Group/Process Information	
ID No.: GRPFASVENT	
Control Device ID No.: BG-FA1A	Control Device Type: Fabric filter
Control Device ID No.: BG-FA1B	Control Device Type: Fabric filter
Control Device ID No.: BG-FA2A	Control Device Type: Fabric filter
Control Device ID No.: BG-FA2B	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: Daily	
Averaging Period: N/A	
Deviation Limit: Maximum opacity = 5%	
<p>CAM Text: Once during each day that the baghouse operates at any time, conduct a visible emissions observation and record the results. If visible emissions are observed, the permit holder shall either report a deviation or determine the opacity, consistent with Test Method 9, as soon as practicable but no later than 24 hours after observing visible emissions. If the result of Test Method 9 is a six-minute average opacity greater than 5 percent, the permit holder shall report a deviation.</p> <p>To properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 mile, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPAUX	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R200-1
Pollutant: SO <sub>2</sub>	Main Standard: § 112.9(a)
<b>Monitoring Information</b>	
Indicator: Fuel oil sulfur content	
Minimum Frequency: Annually, or whenever #2 fuel oil is added to storage tanks.	
Averaging Period: N/A	
Deviation Limit: Sulfur content = 0.7% maximum	
Periodic Monitoring Text: Maintain sulfur fuel content records to demonstrate that only fuel with a sulfur content equal to or less than 0.7 percent by weight is burned in the unit.	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: GRPCOAL	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 40 CFR Part 60, Subpart Y	SOP Index No.: 60Y-74-08
Pollutant: PM (Opacity)	Main Standard: § 60.254(a)
<b>Monitoring Information</b>	
Indicator: Opacity	
Minimum Frequency: Quarterly	
Averaging Period: N/A	
Deviation Limit: Maximum opacity = 20%	
<p>Periodic Monitoring Text: A visible emissions observation shall be made at least once per calendar quarter. A visible emissions observation is not required for sources that do not operate at any time during the calendar quarter.</p> <p>To properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9 as soon as practical, but no later than 24 hours after observing visible emissions. If Test Method 9 is performed, the opacity limit is 20% averaged over a six-minute period. If the result of the Test Method 9 is above 20% averaged over a six-minute period, the permit holder shall report a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPFASVENT	
Control Device ID No.: BG-FA1A	Control Device Type: Fabric filter
Control Device ID No.: BG-FA1B	Control Device Type: Fabric filter
Control Device ID No.: BG-FA2A	Control Device Type: Fabric filter
Control Device ID No.: BG-FA2B	Control Device Type: Fabric filter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible emissions	
Minimum Frequency: Daily	
Averaging Period: N/A	
Deviation Limit: Maximum opacity = 20%	
<p>Periodic Monitoring Text: Once during each day that the baghouse operates at any time, conduct a visible emissions observation and record the results. If visible emissions are observed, the permit holder shall either report a deviation or determine the opacity, consistent with Test Method 9, as soon as practicable but no later than 24 hours after observing visible emissions. If the result of Test Method 9 is a six-minute average opacity greater than 20 percent, the permit holder shall report a deviation.</p> <p>To properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: S1A&B	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
<b>Monitoring Information</b>	
Indicator: Visible emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Maximum opacity = 15%	
<p>Periodic Monitoring Text: If the emission unit operates at any time during a month, then during that month conduct a visible emissions observation while the boiler is operating. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation or conduct an opacity test in accordance with Title 40 Code of Federal Regulation Part 60 (40 CFR), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.</p>	

**New Source Review Authorization References**

**New Source Review Authorization References ..... 54**

**New Source Review Authorization References by Emission Unit ..... 55**

### New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 930	Issuance Date: 07/22/2025
Authorization No.: 932	Issuance Date: 01/19/2022
Authorization No.: 933	Issuance Date: 12/17/2024
Authorization No.: 38456	Issuance Date: 05/30/2018
Authorization No.: 85302	Issuance Date: 05/28/2020
Authorization No.: 95118	Issuance Date: 05/12/2020
Authorization No.: 149736	Issuance Date: 05/03/2019
Authorization No.: 174100	Issuance Date: 02/10/2025
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 5	Version No./Date: 05/12/1981
Number: 58	Version No./Date: 05/05/1976
Number: 58	Version No./Date: 05/12/1981
Number: 106.144	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.373	Version No./Date: 09/04/2000
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 03/14/1997
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000

**New Source Review Authorization References by Emissions Unit**

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
A1-DA	FLY ASH DISPOSAL AREA	Solid Waste Registration No. 31277
AUXB-A	AUXILIARY BOILER A	933
AUXB-B	AUXILIARY BOILER B	933
BSTRPMPD	DIESEL WATER BOOSTER PUMP D	106.511/09/04/2000
FA1A-1	UNIT 1 & 2 FLY ASH SILO 1 VENT	930, 106.261/11/01/2003 [145918]
FA1A-2	UNIT 1 & 2 FLY ASH SILO 1 VENT	930, 106.261/11/01/2003 [145918]
FA1A-3	UNIT 1 & 2 FLY ASH SILO 1 VENT	930, 106.261/11/01/2003 [145918]
FA1B-1	UNIT 1 & 2 FLY ASH SILO 1 VENT	930, 106.261/11/01/2003 [145918]
FA1B-2	UNIT 1 & 2 FLY ASH SILO 1 VENT	930, 106.261/11/01/2003 [145918]
FA1B-3	UNIT 1 & 2 FLY ASH SILO 1 VENT	930, 106.261/11/01/2003 [145918]
FA2A-1	UNIT 1 & 2 FLY ASH SILO 2 VENT	930, 106.261/11/01/2003 [145918]
FA2A-2	UNIT 1 & 2 FLY ASH SILO 2 VENT	930, 106.261/11/01/2003 [145918]
FA2A-3	UNIT 1 & 2 FLY ASH SILO 2 VENT	930, 106.261/11/01/2003 [145918]
FA2B-1	UNIT 1 & 2 FLY ASH SILO 2 VENT	930, 106.261/11/01/2003 [145918]
FA2B-2	UNIT 1 & 2 FLY ASH SILO 2 VENT	930, 106.261/11/01/2003 [145918]
FA2B-3	UNIT 1 & 2 FLY ASH SILO 2 VENT	930, 106.261/11/01/2003 [145918]
LG12-4F	UNITS 1 & 2 SURGE SILO UNLOADING TRANSFER FUGITIVE	932, 38456, 106.262/11/01/2003 [74655]
LG12-7F	UNIT 1 & 2 DEAD STORAGE RECLAIM	932, 38456, 106.264/09/04/2000
LG3-4F	UNIT 3 SURGE SILO UNLOADING TRANSFER FUGTIVIES	932, 38456, 106.262/11/01/2003 [74655]
LG3-7F	UNIT 3 DEAD STORAGE RECLAIM FUGITIVES	932, 38456, 106.264/09/04/2000
ML-TGDG	TAINTER GATE DIESEL GENERATOR	106.511/09/04/2000

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
S-1	UNIT #1 BOILER STACK	933, 85302, 95118, 149736, 174100
S-2	UNIT #2 BOILER STACK	933, 85302, 95118, 149736, 174100
S-3	UNIT #3 BOILER STACK	933, 85302, 95118, 149736, 174100
S1A&B	AUXILIARY BOILERS A & B STACK	933
U1-B1	UNIT #1 BOILER	933, 85302, 95118, 149736, 174100
U2-B2	UNIT #2 BOILER	933, 85302, 95118, 149736, 174100
U3-B3	UNIT #3 BOILER	933, 85302, 95118, 149736, 174100

\*\*This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

**Alternative Requirement**

**Alternative Requirement..... 58**

Bryan W. Shaw, Ph.D., P.E., *Chairman*  
Toby Baker, *Commissioner*  
Jon Niermann, *Commissioner*  
Richard A. Hyde, P.E., *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

June 01, 2017

REC'D JUN 6 2017

Kim Mireles  
Sr. Director Environmental Services  
Luminant  
1601 Bryan Street  
Dallas, TX 75201

Re: Response to Waive Blind Audit Sample Requirement, 40 CFR 63,  
Subpart UUUUU, Performance Test Requirements  
Luminant Generation Company LLC, CN603256413

Dear Ms. Mireles:

This is in response to your letter dated March 29, 2017, requesting approval to waive audit requirements found in 40 CFR 63, Subpart UUUUU.

Your request to waive blind audit sample requirements found in, 40 CFR 63, Subpart UUUUU is approved. This correspondence will serve as authorization for that request. This is an approval for this activity only.

If you have any questions or need further assistance regarding this matter please call Gregg Orr at (903) 535-5128.

Sincerely,

A handwritten signature in cursive script that reads "Michelle M. Baetz".

Michelle M. Baetz  
Air/ER/ Waste Section Manager  
Tyler Regional Office

MMB/GMO/dan

**Appendix A**

**Acronym List ..... 60**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H <sub>2</sub> S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO <sub>x</sub>	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
RO	Responsible Official
SIP	state implementation plan
SO <sub>2</sub>	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

**Appendix B**

**Agreed Order ..... 62**

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION



IN THE MATTER OF AN	§	BEFORE THE
AGREED ORDER CONCERNING	§	
TXU GENERATION COMPANY LP	§	
MARTIN LAKE	§	TEXAS NATURAL RESOURCE
ACCOUNT NO. RL-0020-K	§	
MONTICELLO	§	
ACCOUNT NO. TF-0013-B	§	CONSERVATION COMMISSION

DOCKET NO.2001-0879-RUL

The Texas Natural Resource Conservation Commission (the Commission or TNRCC) and TXU Generation Company LP (TXU or the Company) enter into this Agreed Order for the purpose of achieving early reductions of emissions of nitrogen oxide (NO<sub>x</sub>) as part of the development of a voluntary one hour ozone state implementation plan (SIP) for the Northeast Texas Region, which is composed of Gregg, Harrison, Rusk, Smith and Upshur counties. The Northeast Texas Region has been operating under a Flexible Attainment Region (FAR) Agreement between the United States Environmental Protection Agency (EPA), TNRCC and Northeast Texas Air Care (NETAC) since September 16, 1996, which expired September 16, 2001. The FAR concept was developed to encourage local efforts to maintain levels of ground level ozone below the National Ambient Air Quality Standard (NAAQS). The Commission and the Northeast Texas Region agree that an early SIP proposal will continue to allow local officials to address air quality issues, while providing benefits for air quality in the Northeast Texas Region. As part of this continuing local effort, the Company has agreed to voluntarily reduce emissions of NO<sub>x</sub> as agreed herein.

The Commission hereby orders the Company to comply with the requirements herein regarding control of NO<sub>x</sub> from the facilities referenced below, pursuant to §§ 382.011, 382.012, 382.023, 382.024, and 382.025 of the Texas Clean Air Act (TCAA or the Act), Texas Health & Safety Code, Chapter 382, and § 110 of the Federal Clean Air Act, 42 U.S.C. § 7401 et. seq., for the purpose of revising the Texas SIP for Ozone Control.

#### I. STIPULATIONS

For the purpose of this Agreed Order, the parties have agreed and stipulated as follows:

1. Section 110 of the Federal Clean Air Act, 42 U.S.C. 7401 et. seq., requires Texas to submit SIP revisions to the United States Environmental Protection Agency (EPA) for approval and to demonstrate that such SIP revisions provide for protection of the NAAQS.
2. Sections 382.011 and 382.012 of the TCAA provide authority for the Commission to control the quality of the state's air and prepare and develop a general, comprehensive plan for the proper control of the state's air; and sections 382.023, 382.024, and 382.025 of the TCAA provide the Commission's authority to issue orders. The issuance of this order is in compliance with the TCAA.
3. The Commission and the Company agree that the Commission has jurisdiction to enter this Agreed Order, and the Company is subject to the Commission's jurisdiction.
4. In order to better safeguard the air resources of this state, the Company agrees to comply with the terms of this Order.
5. The Commission and the Company acknowledge that the Company has entered into this Order voluntarily. Nothing in this Order shall be interpreted as evidence that the

Company is causing or contributing to a violation of the NAAQS or is in any respect non-compliant with any federal, state or local law. Additionally, this Order shall not constitute a "compliance event" as defined in 30 TAC § 116.11 or any similar designation under federal, state or local law.

6. Nothing in this Order limits the Company's defenses in the TCAA or rules adopted pursuant to the TCAA, including 30 TAC §§ 101.6 (Upset Reporting and Recordkeeping Requirements), 101.7 (Maintenance, Start-up and Shutdown Reporting, Recordkeeping, and Operational Requirements), 101.11 (Demonstrations), and 101.12 (Temporary Exemptions During Drought Conditions).

7. Nothing in this Order supercedes any requirement of the TCAA or the rules and requirements of the Commission.

8. The Company owns and operates the following electric power generating plants (the Plants):

A. a coal-fired power plant known as Martin Lake Steam Electric Station, located approximately six miles southwest of Tatum, Rusk County, Texas (MLSES) (Account No. RL-0020-K, EPA Facility ID Number TXD000821306) (referred to herein specifically as Martin Lake); and

B. a coal-fired power plant known as Monticello Steam Electric Station, located approximately nine miles southwest of Mount Pleasant, Titus County, Texas (Account No. TF-0013-B, EPA Facility ID Number TXD000145656) (referred to herein specifically as Monticello).

9. The plants consist of one or more sources as defined in §382.003(12) of the Act.

10. All monitoring, recordkeeping, reporting, and testing shall be conducted in accordance with the provisions of 30 TAC §§ 117.141, 117.143, 117.145, 117.147 and 117.149 with the exception that sections 117.141(d), 117.145(c), and 117.149(e) shall be calculated on a 30 day rolling average. Initial demonstration of compliance testing at each plant shall be completed in accordance with the schedule specified in 30 TAC § 117.512 (Compliance Schedule for Utility Electric Generation in East and Central Texas). The Company shall make records available upon request by the TNRCC or any other air pollution control agency with jurisdiction.

11. This Order does not authorize or prohibit any modification of the Plants listed above, nor does it authorize or prohibit the construction of any abatement equipment that may be necessary to achieve the emission rates noted in this Order. The Company is ordered to submit the appropriate application or registration documentation to the TNRCC's Office of Permitting, Remediation and Registration for any authorization necessary to implement the requirements of this Order.

12. Notwithstanding any other provision of this Order, any delays in or failure of performance by the Company under this Order caused by an act of God, war, strike, riot, or other catastrophe beyond the reasonable control of the company (Force Majeure) shall not constitute a violation of this Order. The Company has the burden of establishing that such an event has occurred. In the event the Company's performance under this Order is prevented by the Force Majeure condition, the Company shall promptly notify the TNRCC of the particulars and estimated duration of such condition, shall keep TNRCC advised of the progress in eliminating such condition, and proceed with compliance with this Order as expeditiously as practicable.

13. In lieu of the Company's completion of one or more of the projects described in paragraphs 15-16 below, Company may propose one or more alternative projects provided the emissions reductions from such alternative projects are at least equivalent to those of the project(s) in paragraphs 15-17 below that will be replaced. If the Company elects to propose an alternative project, it will submit to TNRCC all information necessary as set forth in this stipulation for the TNRCC to evaluate and approve the alternative project. TNRCC will not unreasonably withhold such approval. Until TNRCC approves an alternative project or otherwise grants permission to the Company to cease performance of a project required under this Order, the Company shall remain obligated to perform the original project that the alternative project would otherwise replace. Approvals of alternative project(s) will be evaluated through the Alternative Means of Control (AMOC) process established in 30 TAC Chapter 115, Subchapter J, altered to allow multiple plant plans, §§ 115.913, Procedures for Alternate Means of Control Plan Submittal, with the submission limited to information relevant to the change, 115.914, Procedures for an Alternate Means of Control Plan Approval, and 115.915, Public Notice Format. Demonstration calculations and criteria for approval will be consistent with and limited to the NOx control and SIP demonstration purposes of this Agreed Order.

14. All notifications required by this Order (unless otherwise specified herein) shall be sent to:

Office of Environmental Policy, Analysis & Assessment  
Strategic Implementation Plans Section, MC-206  
P.O. Box 13087  
Austin, Texas 78711-3087

Notifications required by this Order shall not substitute for any other notification requirement of the Commission or the TCAA.

15. On or before May 1, 2003, the Company will install and operate low NO<sub>x</sub> technology on each of the three primary generating units (identified as emission point numbers S-1, S-2 and S-3) at Martin Lake to achieve a thirty-day rolling average NO<sub>x</sub> emission rate of 0.2 lb/mmBtu averaged for the three units.

16. On or before May 1, 2003, the Company will install and operate low NO<sub>x</sub> technology on each of the three primary generating units (identified as emission point numbers S1, S2 and S3) at Monticello to achieve a thirty-day rolling average NO<sub>x</sub> emission rate of 0.2 lb/mmBtu averaged for the three units.

17. As used herein, the term "thirty-day rolling average" means an average, calculated for each day that fuel is combusted in one or more units at the plant, of all the hourly emissions data for the preceding 30 days that fuel was combusted in the unit(s).

## II. ORDER

It is therefore ordered by the Texas Natural Resource Conservation Commission that TXU Generation Company LP shall, from and after the date of this Agreed Order, limit its emissions of NO<sub>x</sub> as specified in paragraphs 15 and 16 above, and maintain compliance with this Order.

The provisions of this Agreed Order shall apply to and be binding upon TXU Generation Company LP, its successors, assigns and upon those persons in active concert or participation with them who receive actual notice of this Agreed Order by personal service or otherwise. TXU Generation Company LP is hereby ordered to give notice of this Agreed Order to any successor in interest prior to transfer of ownership of all or any part of its plants:

A. a coal-fired power plant known as Martin Lake Steam Electric Station, located approximately six miles southwest of Tatum, Rusk County, Texas (Account No. RL-0020-K, EPA Facility ID Number TXD000821306) (referred to herein specifically as Martin Lake); and

B. a coal-fired power plant known as Monticello Steam Electric Station, located approximately nine miles southwest of Mount Pleasant, Titus County, Texas (Account No. TF-0013-B, EPA Facility ID Number TXD000145656) (referred to herein specifically as Monticello); and within ten days of any such transfer, provide the Texas Natural Resource Conservation Commission with written notice via certified mail that such notice of transfer has been given.

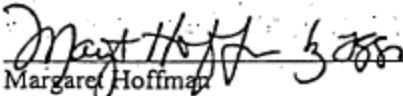
The Chief Clerk shall provide a copy of this Order to each of the parties.

PASSED AND APPROVED at the regular meeting of the Texas Natural Resource Conservation Commission on MAR 13 2002

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

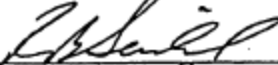
  
\_\_\_\_\_  
For the Commission

I am authorized to agree to the attached Agreed Order on behalf of the entity indicated below my signature, and do hereby agree to the terms and conditions specified therein.

  
\_\_\_\_\_  
Margaret Hoffmann  
Deputy Director, Office of Legal Services  
Texas Natural Resource Conservation Commission

3-13-02  
Date

TXU Generation Company LP  
By: TXU Generation Management Company LLC  
Its General Partner

By:   
\_\_\_\_\_  
Its: SR. VICE PRESIDENT

Date 2/26/02