

NRR-PMDAPem Resource

From: Tran, Tam
Sent: Friday, May 18, 2012 1:45 PM
To: Hill, Leslie
Cc: Green, Rodneshia
Subject: Environmental Permit Updated Status
Attachments: Current DOT Hazmat Registration.pdf; Current Title V Permit FOP O801.pdf; image001.gif

From: Tran, Tam
Sent: Friday, May 18, 2012 1:41 PM
To: Hill, Leslie
Cc: Green, Rodneshia
Subject: Environmental Permit Updated Status

Leslie,
I assume NRR-PMDA-ECapture Resource is still the right address for ADAMS for this attachment. If not correct, please let me know. Thanks/Tam.

From: Taplett, Kenneth [<mailto:kjtaplett@STPEGS.COM>]
Sent: Wednesday, May 16, 2012 3:00 PM
To: Dannhardt, Sandra; Tran, Tam; McIntyre, Albert; Travis, Peggy
Cc: Aldridge, Arden J; Simons, Melissa
Subject: RE: Environmental Permit Expired

Tam,

We understand that the attached permit will appear in ADAMS.

Ken

From: Dannhardt, Sandra
Sent: Wednesday, May 16, 2012 1:31 PM
To: 'Tran, Tam'; McIntyre, Albert; Travis, Peggy
Cc: Aldridge, Arden J; Taplett, Kenneth; Simons, Melissa
Subject: RE: Environmental Permit Expired

Attached.

From: McIntyre, Albert [<mailto:acmcintyre@STPEGS.COM>]
Sent: Wednesday, May 16, 2012 2:14 PM
To: Dannhardt, Sandra; Travis, Peggy
Cc: Tran, Tam; Aldridge, Arden J; Taplett, Kenneth; Simons, Melissa
Subject: Environmental Permit Expired

Sandy/Peggy

Tam Tran NRC called and requested an update on the environmental permit. His copy has expiration date in 2011.

Can you provide the new date and a copy of the new permit that we can post on the portal. Please copy Tam on your response to this message.

He needs this asap.

Thanks

Chet McIntyre
Project Engineering
361 972 8597
acmcintyre@stpegs.com

Hearing Identifier: NRR_PMDA
Email Number: 378

Mail Envelope Properties (Tam.Tran@nrc.gov20120518134500)

Subject: Environmental Permit Updated Status
Sent Date: 5/18/2012 1:45:14 PM
Received Date: 5/18/2012 1:45:00 PM
From: Tran, Tam

Created By: Tam.Tran@nrc.gov

Recipients:

"Green, Rodneshia" <Rodneshia.Green@nrc.gov>
Tracking Status: None
"Hill, Leslie" <Leslie.Hill@nrc.gov>
Tracking Status: None

Post Office:

Files	Size	Date & Time
MESSAGE	1588	5/18/2012 1:45:00 PM
Current DOT Hazmat Registration.pdf		8529
Current Title V Permit FOP O801.pdf		4816936
image001.gif	215	

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

**UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION**



**HAZARDOUS MATERIALS
CERTIFICATE OF REGISTRATION
FOR REGISTRATION YEAR(S) 2011-2012**

Registrant: STP NUCLEAR OPERATING CO
Attn: PEGGY LOFTON TRAVIS
PO BOX 289
WADSWORTH, TX 77483-0289

This certifies that the registrant is registered with the U.S. Department of Transportation as required by 49 CFR Part 107, Subpart G.

This certificate is issued under the authority of 49 U.S.C. 5108. It is unlawful to alter or falsify this document.

Reg. No: 062911 553 083T Issued: 06/29/2011 Expires: 06/30/2012

Record Keeping Requirements for the Registration Program

The following must be maintained at the principal place of business for a period of three years from the date of issuance of this Certificate of Registration:

- (1) A copy of the registration statement filed with PHMSA; and
- (2) This Certificate of Registration

Each person subject to the registration requirement must furnish that person's Certificate of Registration (or a copy) and all other records and information pertaining to the information contained in the registration statement to an authorized representative or special agent of the U. S. Department of Transportation upon request.

Each motor carrier (private or for-hire) and each vessel operator subject to the registration requirement must keep a copy of the current Certificate of Registration or another document bearing the registration number identified as the "U.S. DOT Hazmat Reg. No." in each truck and truck tractor or vessel (trailers and semi-trailers not included) used to transport hazardous materials subject to the registration requirement. The Certificate of Registration or document bearing the registration number must be made available, upon request, to enforcement personnel.

For information, contact the Hazardous Materials Registration Manager, PHH-62, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 1200 New Jersey Avenue, SE, Washington, DC 20590, telephone (202) 366-4109.

Bryan W. Shaw, Ph.D., *Chairman*
Buddy Garcia, *Commissioner*
Carlos Rubinstein, *Commissioner*
Mark R. Vickery, P.G., *Executive Director*



TX-NOC-11022445
STI: 32818332
PFN: W01

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Protecting Texas by Reducing and Preventing Pollution

January 18, 2011

MR DAVID W RENCURREL
SITE VICE PRESIDENT UNIT 1 AND UNIT 2
STP NUCLEAR OPERATING COMPANY
PO BOX 289 N5016
WADSWORTH TX 77483-0289

RECEIVED JAN 25 2011
127
1-25-11

Re: Effective Permit Approval
Renewal
Permit Number: O801
STP NUCLEAR OPERATING COMPANY
South Texas Project Electric Generating Station
Wadsworth, Matagorda County
Regulated Entity Number: RN102395654
Customer Reference Number: CN601658669
Account Number: MH-0028-D

Dear Mr. Rencurrel:

The effective federal operating permit (FOP) for STP NUCLEAR OPERATING COMPANY, South Texas Project Electric Generating Station is enclosed. This FOP constitutes authority to operate the emission units identified in the FOP application.

All site operating permits are subject to public petition for 60 days following the expiration of the 45-day U.S. Environmental Protection Agency (EPA) review. The public petition period for the FOP extends from January 8, 2011 until March 8, 2011. If the EPA receives a valid petition and objects to the above-referenced permit, you will be notified promptly by the Texas Commission on Environmental Quality (TCEQ).

It should be noted that from the date of this letter STP NUCLEAR OPERATING COMPANY, South Texas Project Electric Generating Station must operate in accordance with the requirements of Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122) and the FOP. Some of the terms and conditions contained in the FOP include recordkeeping conditions, reporting conditions (which includes deviation reporting), and compliance certification conditions. All reports, along with any questions regarding the reports, shall be forwarded to the Texas Commission on Environmental Quality, Houston Regional Office, 5425 Polk St., Ste. H, Houston, Texas 77023-1452.

Consistent with 30 TAC Chapter 122, Subchapter C, the permit holder shall submit an application to the Air Permits Division (APD) for a revision to an FOP for those activities at a site which change, add, or remove one or more FOP terms or conditions. The permit holder shall also submit an application to the APD for a revision to a permit to address the following: the adoption of an applicable requirement previously designated as federally enforceable only; the promulgation of a new applicable requirement; the adoption of a new state-only requirement; or a change in a state-only designation.

Mr. David W. Rencurrel
Page 2
January 18, 2011

Thank you again for your cooperation in this matter. If you have questions concerning the review or this notice, please contact Mr. Vasant V. Chaphekar, P.E. at (512) 239-1341.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,



Steve Hagle, P.E., Director
Air Permits Division
Office of Permitting and Registration
Texas Commission on Environmental Quality

SH/VC/vc

cc: Ms. Peggy L. Travis, Staff Consultant, STP Nuclear Operating Company, Wadsworth
Mr. Richard A. Gangluff, Manager Chemistry, STP Nuclear Operating Company, Wadsworth
Mr. David Edge, Manager, Air Quality, RPS Group, Austin
Air Section Manager, Region 12 - Houston

Enclosure: Effective Permit

cc: Air Permit Section Chief, U.S. Environmental Protection Agency, Region 6, Dallas (Letter Only)

Project Number: 15315

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO

STP Nuclear Operating Company

AUTHORIZING THE OPERATION OF

South Texas Project Electric Generating Station
Electric Services

LOCATED AT

Matagorda County, Texas

Latitude 28° 47' 42" Longitude 096° 2' 53"

Regulated Entity Number: RN102395654

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 and emission units listed in this permit. Operations of the site and emission units 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 and emission units 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 and emission units.

Permit No: O801 Issuance Date: January 18, 2011



For the Commission

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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 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. The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ for the following units/groups: GR-EMERGEN-1 and FIRE PUMPS. No later than May 03, 2013, the permit holder shall submit a revision application to codify the requirements in the permit.
 - E. The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart ZZZZ for the following group: GR-EMERGEN-2. No later than October 19, 2013, the permit holder shall submit a revision application to codify the requirements in the 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. 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_x, 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) 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.

B. 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_x, 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) 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. 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.
- D. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- E. 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)
- F. 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 § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
 - (iv) 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 125,000 gallons of gasoline in any calendar month after January 1, 1999, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
 - (i) Title 30 TAC § 115.222(7) (relating to Control Requirements)
 - (ii) Title 30 TAC § 115.222(3), as it applies to liquid gasoline leaks
 - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks
 - (iv) Title 30 TAC § 115.226(2)(C) (relating to Recordkeeping Requirements)
- 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. 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.

Additional Monitoring Requirements

7. 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 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

8. 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, 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

9. 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.
10. 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, material safety data sheets (MSDS), 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.
 - A. If applicable, monitoring of control device performance or general work practice standards shall be made in accordance with the TCEQ Periodic Monitoring Guidance document.
 - B. 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).

Compliance Requirements

11. 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.
12. 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

Protection of Stratospheric Ozone

13. 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. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.
 - C. 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)

14. 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)

Permit Location

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

Permit Shield (30 TAC § 122.148)

- 16. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

ATTACHMENTS

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary	13
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Applicable Requirements Summary	15
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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

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
AB11	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	REG2-1	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
CPA	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FIRE PUMPS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	FP1, FP2, FP3, FP4	R111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GR-EMERGEN-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	BO1, BOP2, NTF, GEN11, GEN12, GEN13, GEN21, GEN22, GEN23, KMKS, LDG, NSC, RMS, TSC1, TSC2, WEST, WHS, WW8	R111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
GR-EMERGEN-2	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	EPG1, EPG2	R111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
STPAB	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
CPA	SRIC ENGINES	N/A	60III	40 CFR Part 60, Subpart IIII	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
CPA	SRIC ENGINES	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
T114	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
T114	STORAGE TANKS/VESSELS	N/A	63CCCCC	40 CFR Part 63, Subpart CCCCC	No changing attributes.

Applicable Requirements Summary

Unit/Group/Process		SOP Index No.	Pollutant	Emission Limitation/Standard or Equipment Specification		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)
ID No.	Type			Name	Citation				
AB11	EU	REG2-1	SO2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO2 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)
CPA	EP	R111	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
FIRE PUMPS	EP	R111	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
GR-EMERGEN-1	EP	R111	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
GR-EMERGEN-2	EP	R111	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
STPAB	EP	R111-1	OPACITY	30 TAC Chapter	§ 111.111(a)(1)(C)	Visible emissions from any	[G]§ 111.111(a)(1)(F)	None	None

Applicable Requirements Summary

Unit/Group/Process		SOP Index No.	Pollutant	Emission Limitation/Standard or Equipment Specification		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)
ID No.	Type			Name	Citation				
				111, Visible Emissions	§ 111.111(a)(1)(E)	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.	** See Periodic Monitoring Summary		
CPA	EU	60III	NOX	40 CFR Part 60, Subpart III	§ 60.4200(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart III	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart III	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart III	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart III	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart III
CPA	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	A new/reconstructed stationary RICE located at an area source, or located at a major source of HAP emissions and is a spark ignition (SI) 2SLB < 500 HP, SI 4 SLB < 250 HP, or 4SRB, compression ignition (CI), emergency or limited use, or which combusts landfill or digester gas at > 10% of the gross heat input < 500 HP must meet the requirements of this part by meeting the requirements of 40 CFR Part 60, Subpart III, for CI engines or 40 CFR Part 60, Subpart JJJ, for SI engines.	None	None	None
TI14	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is	** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit/Group/Process		SOP Index No.	Pollutant	Emission Limitation/Standard or Equipment Specification		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)
ID No.	Type			Name	Citation				
T114	EU	63CCCCC	VOC	40 CFR Part 63, Subpart CCCCC	[G]§ §63.11116(a) § §63.11111(b), (e) § §63.11116(c) § §63.11130	maintained, or they are equipped with the appropriate control device specified in Table 1(b). You must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to §63.11116(a)(1)-(a)(4).	None	§ §63.11116(b)	None

Additional Monitoring Requirements

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Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: AB11	
Control Device ID No.: N.A.	Control Device Type: N.A.
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2-1
Pollutant: SO2	Main Standard: § 112.9(a)
MONITORING INFORMATION	
Indicator: Sulfur content of fuel.	
Minimum Frequency: Each lot of fuel oil used to supply the boiler.	
Averaging Period: N.A.	
Deviation Limit: Sulfur content above a maximum limit (0.3% by weight).	
Periodic Monitoring Text: Validate and record the sulfur content of the fuel. Any monitoring data above the deviation limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: CPA	
Control Device ID No.: N.A.	Control Device Type: N.A.
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
MONITORING INFORMATION	
Indicator: Visible emissions.	
Minimum Frequency: Once every six (6) months.	
Averaging Period: As required per applicable main standard.	
Deviation Limit: Presence of visible emissions having an opacity that is greater than 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that 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 practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: FIRE PUMPS	
Control Device ID No.: N.A.	Control Device Type: N.A.
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
MONITORING INFORMATION	
Indicator: Visible emissions.	
Minimum Frequency: Once every six (6) months.	
Averaging Period: As required per applicable main standard.	
Deviation Limit: Presence of visible emissions having an opacity that is greater than 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that 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 practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: GR-EMERGEN-1	
Control Device ID No.: N.A.	Control Device Type: N.A.
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
MONITORING INFORMATION	
Indicator: Visible emissions.	
Minimum Frequency: Once every six (6) months.	
Averaging Period: As required per applicable main standard.	
Deviation Limit: Presence of visible emissions having an opacity that is greater than 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that 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 practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: GR-EMERGEN-2	
Control Device ID No.: N.A.	Control Device Type: N.A.
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
MONITORING INFORMATION	
Indicator: Visible emissions.	
Minimum Frequency: Once every six (6) months.	
Averaging Period: As required per applicable main standard.	
Deviation Limit: Presence of visible emissions having an opacity that is greater than 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that 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 practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: STPAB	
Control Device ID No.: N.A.	Control Device Type: N.A.
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(C)
MONITORING INFORMATION	
Indicator: Visible emissions.	
Minimum Frequency: Once every six (6) months.	
Averaging Period: As required per applicable main standard.	
Deviation Limit: Presence of visible emissions having an opacity that is greater than 15%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that 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 practicable, but no later than 24 hours after observing visible emissions.</p> <p>If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: T114	
Control Device ID No.: N.A.	Control Device Type: N.A.
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(c)(1)
MONITORING INFORMATION	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: Refilling the storage vessel with a structurally unsound fill pipe.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: T114	
Control Device ID No.: N.A.	Control Device Type: N.A.
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-1
Pollutant: VOC	Main Standard: § 115.112(c)(1)
MONITORING INFORMATION	
Indicator: Liquid Level	
Minimum Frequency: At the end of each unloading operation	
Averaging Period: n/a	
Deviation Limit: The fill pipe shall remain fully submerged at all times.	
<p>Periodic Monitoring Text: Regardless of the location of the fill pipe, the fill pipe must be submerged at all times. Establish the volume of liquid at the depth of the highest point of the fill pipe. Record the volume of liquid loaded and unloaded so that the storage vessel liquid volume is known. It shall be considered and reported as a deviation anytime the liquid volume falls below the liquid volume at the fill pipe.</p>	

Permit Shield

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Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
AB11	N/A	30 TAC Chapter 112, Sulfur Compounds	Unit does not fire solid fuel.
AB11	N/A	30 TAC Chapter 117, Utility Electric Generation	Unit is located in an ozone attainment county.
AB11	N/A	40 CFR Part 60, Subpart D	Auxiliary boiler has a heat input rate of less than 73 megawatts (250 million Btu per hour).
AB11	N/A	40 CFR Part 60, Subpart Da	Auxiliary boiler has a heat input rate less than 73 megawatts (250 million Btu per hour)
AB11	N/A	40 CFR Part 60, Subpart Db	Construction or modification commenced prior to June 19, 1984.
AB11	N/A	40 CFR Part 60, Subpart Dc	Construction or modification commenced prior to June 9, 1989.
STPAB	N/A	30 TAC Chapter 115, Vent Gas Controls	The unit is not being used as a control device for any vent gas stream which is subject to this division and which originates from a non-combustion source.
T114	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	The storage vessel is located at a motor vehicle fuel dispensing facility.
T114	N/A	40 CFR Part 60, Subpart K	The storage has design capacity less than 40,000 gallons.
T114	N/A	40 CFR Part 60, Subpart Ka	The storage vessel has design capacity less than 40,000 gallons.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
T114	N/A	40 CFR Part 60, Subpart Kb	Design capacity of the storage vessel is less than 75 cubic meters.
T115	N/A	30 TAC Chapter 115, Storage of VOCs	VOC with a true vapor pressure less than 1.5 pounds per square inch absolute (psia)
T115	N/A	40 CFR Part 60, Subpart K	The storage vessel has design capacity less than 40,000 gallons.
T115	N/A	40 CFR Part 60, Subpart Ka	The storage vessel has design capacity less than 40,000 gallons.
T115	N/A	40 CFR Part 60, Subpart Kb	Design capacity of the storage vessel is less than 75 cubic meters.

New Source Review Authorization References

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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.

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.	
Authorization No.: X-4014	
Authorization No.: 36657	
Authorization No.: 7410	
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 103	Version No./Date: 06/07/1996
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 03/14/1997
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.453	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 107	Version No./Date: 06/07/1996
Number: 111	Version No./Date: 06/07/1996
Number: 014	Version No./Date: 06/07/1996
Number: 003	Version No./Date: 06/07/1996
Number: 004	Version No./Date: 06/07/1996
Number: 040	Version No./Date: 06/07/1996
Number: 005	Version No./Date: 06/07/1996
Number: 051	Version No./Date: 06/07/1996
Number: 059	Version No./Date: 06/07/1996
Number: 061	Version No./Date: 06/07/1996
Number: 070	Version No./Date: 06/07/1996
Number: 075	Version No./Date: 06/07/1996
Number: 082	Version No./Date: 06/07/1996
Number: 085	Version No./Date: 06/07/1996

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
AB11	AUXILIARY BOILER 11	7410
BOP1	EMERGENCY GENERATOR	005/06/07/1996
BOP2	EMERGENCY GENERATOR	005/06/07/1996
CPA	CPA EMERGENCY GENERATOR	106.511/09/04/2000
EPG1	MET TOWER EMERGENCY GENERATOR	005/06/07/1996
EPG2	MET TOWER EMERGENCY GENERATOR	005/06/07/1996
FP1	EMERGENCY FIRE PUMP	005/06/07/1996
FP2	EMERGENCY FIRE PUMP	005/06/07/1996
FP3	EMERGENCY FIRE PUMP	005/06/07/1996
FP4	EMERGENCY FIRE PUMP	005/06/07/1996
GEN11	EMERGENCY GENERATOR	005/06/07/1996
GEN12	EMERGENCY GENERATOR	005/06/07/1996
GEN13	EMERGENCY GENERATOR	005/06/07/1996
GEN21	EMERGENCY GENERATOR	005/06/07/1996
GEN22	EMERGENCY GENERATOR	005/06/07/1996
GEN23	EMERGENCY GENERATOR	005/06/07/1996
KMKS	EMERGENCY GENERATOR	005/06/07/1996
LDG	EMERGENCY GENERATOR	005/06/07/1996

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
NSC	EMERGENCY GENERATOR	005/06/07/1996
NTF	EMERGENCY GENERATOR	005/06/07/1996
RMS	EMERGENCY GENERATOR	005/06/07/1996
STPAB	AUXILIARY BOILER STACK	7410
T114	GASOLINE STORAGE TANK	014/06/07/1996
T115	DIESEL STORAGE TANK	051/06/07/1996
TSC1	EMERGENCY GENERATOR	005/06/07/1996
TSC2	EMERGENCY GENERATOR	005/06/07/1996
WEST	EMERGENCY GENERATOR	005/06/07/1996
WHS	EMERGENCY GENERATOR	005/06/07/1996
WW8	EMERGENCY GENERATOR	005/06/07/1996

APPENDIX A

Acronym List.....	35
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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
COMS.....	continuous opacity monitoring system
CVS.....	closed-vent system
D/FW.....	Dallas/Fort Worth (nonattainment area)
DR.....	Designated Representative
EIP.....	El Paso (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
GF.....	grandfathered
gr/100 scf.....	grains per 100 standard cubic feet
HAP.....	hazardous air pollutant
H/G/B.....	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S.....	hydrogen sulfide
ID No.....	identification number
lb/hr.....	pound(s) per hour
MMBtu/hr.....	Million British thermal units per hour
MRRT.....	monitoring, recordkeeping, reporting, and testing
NA.....	nonattainment
N/A.....	not applicable
NADB.....	National Allowance Data Base
NO _x	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
PM.....	particulate matter
ppmv.....	parts per million by volume
PSD.....	prevention of significant deterioration
RO.....	Responsible Official
SO ₂	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

