

OPERATING PERMIT - TECHNICAL SUMMARY
SITE OPERATING PERMIT - SOP
MINOR REVISION

Permit #:	O-039	Company:	AEP Texas North Generation Company
Project #:	10425	Site:	Fort Phantom Power Station
Account #:	JI-0030-K	Application Area:	Ft. Phantom Power Station
Regulated Entity #:	Rn100215557	Customer #:	Cn603106956
Region:	3	County:	Jones
SIC Code:	4911	SIC Name:	Electric Services

Permit Reviewer: **Thomas Wauhob**

PERMIT INFORMATION

Was confidential information submitted?	No
Are any permits being reviewed for New Source Review action?	No
Is the application subject to acid rain permitting?	Yes

SITE INFORMATION

Physical Location: 9450 East Lake Road
Nearest City: Abilene
Major Pollutants: SO₂, PM, NO_x, CO
Additional FOPs: None

PROJECT SUMMARY

AEP Texas North Company's Fort Phantom Power Station is a facility subject to 30 TAC Chapter 122 requiring the submission of a Federal Operating Permit (FOP) application. An FOP was issued to this facility on October 8, 1999 and renewed October 21, 2005. It contains applicable requirements in General and Special Terms and Conditions, as well as tabled unit-specific requirements. The current project is a minor revision.

REVISION DESCRIPTION

The purpose of this minor revision is to comply with the recently implemented Clean Air Interstate Rule (CAIR) State Implementation Plan (SIP) by incorporating CAIR permit applicable requirements into the Terms and Conditions of the FOP. At the same time Acid Rain Permit terms and conditions, attached in the FOP, were modified and transferred to Terms and Conditions.

PROCESS DESCRIPTION

The Ft. Phantom Power Station utilizes two boilers to produce power. Boiler #1 utilizes natural gas as a primary fuel and fuel oil as a secondary fuel.

Boiler #2 (FP-2) began operation in 1977 and is authorized by TNRCC Air Quality Permit No. 2353.

Boiler #2 utilizes natural gas as a primary fuel and fuel oil as a secondary fuel. Boiler #2 is also authorized by Permit No. 2353 to burn used oil as a fuel. The combustion system is set up to burn a low flow rate of fuel oil and/or used oil simultaneously with natural gas in one of the boiler's burners.

Ft. Phantom Station also has auxiliary equipment which either have no applicable air quality requirements or are covered by the site-wide potentially applicable requirements in Form OP-REQ1.

TECHNICAL REVIEW

The minor revision application was received by TCEQ on June 04, 2007 and included the following forms: OP-

1, OP-2, COR, OP-SUM and OP-REQ1. The DR and ADR designated by the COR were used for the IMS OP-

CRO1. Area-wide requirements were updated with OP-REQ1. Old Acid Rain Permit terms were manually deleted from the IMS and new terms were generated by the engine run. FP-1 and FP-2 and ORIS code, 4938, were manually added the Terms and Conditions. A Special Intro/WDP e-mail that included the "CAIR Permit Application Certification Document" was sent to the applicant and returned signed 08/22/2007. During this project grandfathered unit, FP-1 was resolved.

The draft permit was submitted to the applicant on (date): 08/20/2007

Did the applicant comment on the draft permit? No

EMISSIONS BANKING AND TRADING PROVISIONS (Pursuant to 30 TAC Chapter 101, Subchapter H)

Is the site/permit area located in the Houston/Galveston ozone non-attainment area (as defined in 30 TAC Chapter 101, §101.1): No

COMPLIANCE ASSURANCE MONITORING (CAM)/ PERIODIC MONITORING (PM)

A review of the permit did not result in additional CAM/PM.

STATEMENT OF BASIS

A Statement of Basis sets forth the legal and factual basis for the permit conditions.

The Statement of Basis was prepared on: 08/28/2007

The Statement of Basis GroupWise Document #(OPDP Database): 46872

PUBLIC ANNOUNCEMENT/EPA REVIEW

Posting Date: 10/02/2007

Did the public comment on the working draft permit? No

Beginning of the EPA Review Period: 10/02/2007

Did the EPA comment on the proposed permit? No

PUBLIC PETITION PERIOD/FINAL STATE ACTION

Effective permit issuance date:

Thomas Wauhob
Permit Reviewer
Operating Permits Section
Air Permits Division

Tanveer Anjum, P.E.
Team Leader
Operating Permits Section
Air Permits Division

ATTACHMENTS

IMS Tracking Elements

Communication Log

Administrative Data

IMS TRACKING ELEMENTS

Type	Name	Start/Event	Co Da
SE	DATE INITIAL INFO/APPL/REQUEST RECEIVED BY TCEQ	05/29/2007	
SE	DATE PAR RECEIVED PROJECT	05/29/2007	
SE	DATE PAR TRANSFERRED PROJECT TO APD	05/30/2007	
SE	DATE PROJECT RECEIVED BY ENGINEER	07/26/2007	
SA	TECHNICAL REVIEW PERIOD	07/26/2007	08/
SA	WORKING DRAFT PERMIT REVIEW BY APPLICANT	08/20/2007	08/
SE	DATE NPPPA DUE TO TEAM LEADER	09/13/2007	
SA	TEAM LEADER REVIEW OF NPPPA PACKAGE	09/26/2007	09/
SA	SECTION MANGR REVIEW OF NPPPA PACKAGE	09/26/2007	09/
SE	WPO 07 - DATE NPPPA PACKAGE MAILED	09/28/2007	
SA	EPA REVIEW PERIOD	10/02/2007	11/
SA	PUBLIC ANNOUNCEMENT PERIOD	10/02/2007	11/
SA	TEAM LEADER REVIEW OF FINAL ACTION		
SA	SECTION MANAGER REVIEW OF FINAL ACTION		
SE	WPO 09 - DATE LETTER MAILED		
SE	DATE OF EFFECTIVE / ISSUED PERMIT / AUTHORIZATION		
SE	DATE PROJECT COMPLETED		

COMMUNICATION LOG

Company Name	Application Area	Air Account Number	Regulated Entity Number	IMS Project Number
Aep Texas North Generation Company Llc	Ft. Phantom Power Station	JI-0030-K	Rn100215557	10425

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ADMINISTRATIVE DATA

Responsible Official: C H. Adami
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