

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

Permit #:	O-00038	Company:	Public Service Company of Oklahoma
Project #:	8517	Site:	Oklaunion Power Station
Account #:	WI-0025-C	Application Area:	Oklaunion Power Station
Regulated Entity #:	RN101062255	Customer #:	CN602616930
Region:	03	County:	Wilbarger
SIC Code:	4911	SIC Name:	Electric Services

Permit Reviewer: **Kim D. Strong, P.E.**

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: 12567 FM 3430
Nearest City: Vernon
Major Pollutants: SO₂, PM, NO_x, CO
Additional FOPs: None

PROJECT SUMMARY

Public Service Company of Oklahoma - Oklaunion Power Station is an electric services facility for which the Federal Operating Permit was renewed on May 31, 2005. A minor revision was submitted on April 4, 2006 to revise the applicable requirements table for 40 CFR 60 Subpart Da to reflect a high level applicability since the regulation has been significantly amended. Only boiler OPS1 is effected. The revision application meets the minor revision criteria set forth in 30 TAC §122.215. The permit includes Site-wide Terms and Conditions which were identified using information provided by the applicant in Form OP-REQ1, and Unit Specific applicable requirements which were identified using information provided by the applicant in various forms (Forms OP-SUM, OP-REQ2, OP-REQ3, and various Unit Attribute tables).

REVISION DESCRIPTION

A minor revision was submitted on April 4, 2006. The revision requested that the applicable requirements table be revised for the 40 CFR 60 Subpart Da requirements to reflect high level applicability since the regulation was significantly amended and the citations found in the table are incorrect. Boiler OPS1 is the only unit affected. TCEQ is currently using the high level applicability until the RRT can be updated to reflect the rule changes.

PROCESS DESCRIPTION

Okaunion Power Station uses one coal fired boiler to produce electricity. Boiler #1 began operation in 1986 and is authorized by permit 9015/PSD-TX-352M2. The gases and fly ash from the boiler are directed to an electrostatic precipitator (ESP) for particulate matter removal and subsequently through a limestone fuel gas desulfurization (FGD) wet scrubber for removal of sulfur. Boiler #1 is authorized by SE 118 in 1996 for disposal of petroleum contaminated soil.

Coal is received at the site by rail car and transferred to active and inactive storage piles by use of Transfer Tower No. 1. Coal is transferred from storage to the boiler through Transfer Towers No. 2 and No. 3, boiler I storage bins, and a pulverizer.

Limestone for use in the FGD system is brought in by truck and transferring to active/inactive storage areas. The limestone is transferred from the bins to a wet mill where it is mixed with water to form a wet slurry. The wet slurry is then transferred to the FGD system.

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

TECHNICAL REVIEW

The technical review began on May 11, 2006. No deficiencies were found during the review.

The draft permit was submitted to the applicant on: May 16, 2006

Did the applicant comment on the draft permit? No comments.

MANUAL CHANGES TO PERMIT

The CAM requirements had to be entered as case-by-case since high level applicability was added.

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)

No additional monitoring is needed as a result of this revision. The CAM requirements will remain in the permit.

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: May 16, 2006

The Statement of Basis GroupWise Document #(OPDP Database): 42384

PUBLIC ANNOUNCEMENT/EPA REVIEW

Posting Date: May 30, 2006

Did the public comment on the working draft permit? No

Beginning of the EPA Review Period: May 30, 2006

Did the EPA comment on the proposed permit? No

PUBLIC PETITION PERIOD/FINAL STATE ACTION

Final revised permit approval date: July 21, 2006

Kim D. Strong, P.E.

Permit Reviewer

Operating Permits Section

Air Permits Division

Tanveer Anjum

Team Leader

Operating Permits Section

Air Permits Division

ATTACHMENTS

IMS Tracking Elements

Communication Log

Administrative Data

IMS TRACKING ELEMENTS

<u>Stage</u>	<u>Start Date</u>	<u>Complete Date</u>	<u>Tracking Element</u>	<u>Type</u>
IS	04/26/2006		DATE PAR RECEIVED PROJECT EVENT	STANDARD
IS	04/26/2006		DATE INITIAL INFO/APPL/REQUEST RECEIVED BY TCEQ EVENT	STANDARD
IS	04/28/2006		DATE PAR TRANSFERRED PROJECT TO APD	STANDARD EVENT
TR	05/08/2006		DATE PROJECT RECEIVED BY ENGINEER	STANDARD EVENT
TR	05/11/2006	05/16/2006	TECHNICAL REVIEW PERIOD	STANDARD ACTIVITY
TR	05/16/2006	05/16/2006	WORKING DRAFT PERMIT REVIEW BY APPLICANT	STANDARD ACTIVITY
PA	05/19/2006	05/24/2006	TEAM LEADER REVIEW OF NPPPA PACKAGE	STANDARD ACTIVITY
PA	05/24/2006	05/24/2006	SECTION MANAGER REVIEW OF NPPPA PACKAGE	STANDARD ACTIVITY
WPO	05/25/2006		WPO 07 - DATE NPPPA PACKAGE MAILED	STANDARD EVENT
PA	05/30/2006	06/29/2006	PUBLIC ANNOUNCEMENT PERIOD	STANDARD ACTIVITY
EPA	05/30/2006	07/14/2006	EPA REVIEW PERIOD	STANDARD ACTIVITY
PA	06/15/2006		DATE NPPPA DUE TO TEAM LEADER	STANDARD EVENT
FSA	07/14/2006	07/14/2006	TEAM LEADER REVIEW OF FINAL ACTION	STANDARD ACTIVITY
FSA	07/14/2006	07/18/2006	SECTION MANAGER REVIEW OF FINAL ACTION ACTIVITY	STANDARD
FSA	07/21/2006		DATE OF EFFECTIVE/ISSUED PERMIT/AUTHORIZATION EVENT	STANDARD
FSA	07/21/2006		DATE PROJECT COMPLETED	STANDARD EVENT

ADMINISTRATIVE DATA

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