



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-4005

July 24, 2007

Mike Blevins, Senior Vice President  
and Chief Nuclear Officer  
TXU Power  
ATTN: Regulatory Affairs  
Comanche Peak Steam Electric Station  
P.O. Box 1002  
Glen Rose, TX 76043

SUBJECT: ERRATA FOR COMANCHE PEAK STEAM ELECTRIC STATION - NRC  
INTEGRATED INSPECTION REPORT 05000445/2007002 AND  
05000446/2007002

Dear Mr. Blevins:

Please append the following enclosure to the applicable sections of the Report Details in NRC Inspection Report 05000445/2007002 and 05000446/2007002, dated May 4, 2007. This enclosure documents inspection activities associated with NRC Temporary Instruction 2515/166. These activities were conducted during the three-month inspection period of January 1 through March 23, 2007.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

/RA/

Claude E. Johnson, Chief  
Project Branch A  
Division of Reactor Projects

Dockets: 50-445  
50-446  
Licenses: NPF-87  
NPF-89

TXU Power

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Enclosure:  
As stated

cc w/Enclosure:  
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 DRP Director (**ATH**)  
 DRS Director (**RJC1**)  
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 Senior Resident Inspector (**DBA**)  
 Branch Chief, DRP/A (**CEJ1**)  
 Senior Project Engineer, DRP/A (**TRF**)  
 Team Leader, DRP/TSS (**FLB2**)  
 RITS Coordinator (**MSH3**)  
 DRS STA (**DAP**)  
 M. Kunowski, OEDO RIV Coordinator (**MAK3**)  
**ROPreports**  
 CP Site Secretary (**ESS**)

SUNSI Review Completed: GAG\_\_ ADAMS: ☒ Yes ☐ No Initials: \_\_ GAG\_\_  
☒ Publicly Available ☐ Non-Publicly Available ☐ Sensitive ☒ Non-Sensitive

S:\DRS\REPORTS\ **CP2007-02RP Errata-GAG\** ML

RIV:RI:DRS/EB1	SRI:DRP/A	C:DRS/EB1	STA:DRS/	C:DRP/A
GAGeorge	DBAllen	DAPowers	DAPowers	CEJohnson
/RA/	<b>e-GAG</b>	/RA/	/RA/	/RA/
7/13/07	7/16/07	7/16/07	7/24/07	7/24/07

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## ENCLOSURE

### 4. OTHER ACTIVITIES

#### 4OA5 Other

##### NRC Temporary Instruction 2515/166, "PWR Containment Sump Blockage," Unit 1(Open)

Results for the preliminary inspection of Comanche Peak Steam Electric Station (CPSES), Unit 2, were documented in Inspection Report 05000446/2006005.

From March 12-14, 2007, the inspector reviewed the licensee's implementation of Unit 1 plant modifications and procedure changes committed to in the licensee's response to Generic Letter 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized Water Reactors." In addition, the inspector verified that the changes were reviewed and documented in accordance with 10 CFR 50.59 processes.

The inspector observed the installation of sump strainers and other physical modifications in Unit 1. In addition, the inspector reviewed setpoint changes to the swapover point from the refueling water storage tank to the emergency recirculation sump. The setpoint changes were approved by NRC before the modification was completed. Changes to the containment coatings programs, latent debris programs, and other programmatic changes, as committed, were not completed because of delays in the final acceptance of test results for chemical and downstream effects.

At the time of the inspection, only 11 of 22 commitments have been fully completed. Final review and acceptance of chemical and downstream effects will be completed by the Office of Nuclear Reactor Regulation (NRR) at a later date. Since final acceptance of the licensee's commitments were not complete, the inspector evaluated the recirculation sump modifications to the original design basis, Regulatory Guide 1.82, Revision 0, "Water Sources for Long-Term Recirculation Cooling Following a Loss-of-Coolant Accident." Pending final submittal and acceptance of licensee's commitments to Generic Letter 2004-02. Temporary Instruction 166 for CPSES Units 1 and 2 will remain open.

#### 4OA6 Exit Meeting Summary

The inspector presented the inspection results of Temporary Instruction 2515/166 to Mr. R. Flores, Site Vice President, and other members of the licensee's management staff at a pre-exit interview on March 14, 2007. The licensee's management acknowledged the findings and observations presented. The inspector communicated to the licensee's management that a final exit will occur at a later date pending NRR's final acceptance of the licensee's commitments to Generic Letter 2004-02. In addition, the inspector asked the licensee's management whether any materials examined during the inspection should be considered proprietary. No proprietary information was identified.



## **SUPPLEMENTAL INFORMATION**

### **PARTIAL LIST OF PERSONS CONTACTED**

#### Licensee Personnel:

R. Flores, Site Vice President  
S. Smith, Director, Site Engineering  
T. Hope, Regulatory Performance  
S. Maier, Design Engineering Analysis Manager  
J. Meyer, Technical Support Manager  
C. Feist, Design Engineer  
J. Seawright, Regulatory Affairs

### **DOCUMENTS REVIEWED**

#### 4OA5 Other: NRC Temporary Instruction 2515/166

#### Calculations

<u>NUMBER</u>	<u>TITLE</u>	<u>REVISION</u>
ME-CA-0000-5066	Calculation of Minimum Flood Level in the Containment Building Following a Large Break LOCA, Small Break and MSLB	2
PCI-5472-S01	Structural Evaluation of the Emergency Sump Suction Strainers	2

#### Evaluations and Engineering Reports

<u>NUMBER</u>	<u>TITLE</u>	<u>REVISION/DATE</u>
ER-119	Unit 2 GSI 191 Debris Source Term Confirmatory Walkdown Report	0
ER-ME-118	DEBRIS SOURCE INVENTORY CONFIRMATORY WALKDOWN REPORT for Comanche Peak Steam Electric Station - UNIT 1	0
ER-ME-123	GSI-191 Scoping Study Comanche Peak Steam Electric Station Units 1 and 2	0
EVAL 2001-2201-05-00	Sump Performance Analysis: Upstream Effects	08-01-2005
EVAL 2001-2201-10-00	Sump Performance Analysis: Debris Generation	08-01-2005
EVAL 2001-2201-12-00	Sump Performance Analysis: NPSH and Head Loss	08-01-2005

Final Design Authorization

<u>NUMBER</u>	<u>DESCRIPTION</u>	<u>REVISION/DATE</u>
2002-1952-02-01	Modify the Radiation Barrier around Incore Instrumentation Guide Tubes	1
2002-1952-03-01	Incorporate IDA for as-built configuration	1
2002-1952-04-01	Revise SK-0003 to incorporate as-built details for the door	1
2005-3364-07-00	Remove the wire mesh cages from old Hot Tool Room and Fuel Transfer Tube	0

Drawings

<u>NUMBER</u>	<u>TITLE</u>	<u>REVISION/DATE</u>
SFS-CP-GA-00	Comanche Peak Units 1 & 2 Sure-Flow Strainer General Arrangement	4
SFS-CP-GA-01-001	Comanche Peak Units 1 & 2 Sure-Flow Strainer General Notes	7
SFS-CP-GA-01-002	Comanche Peak Units 1 & 2 Sure-Flow Strainer General Notes	7
SFS-CP-GA-02	Comanche Peak Units 1 & 2 Sure-Flow Strainer General Arrangement - Sump 2	5
SFS-CP-GA-03	Comanche Peak Units 1 & 2 Sure-Flow Strainer General Arrangement - Sump 1	5
SFS-CP-GA-04	Comanche Peak Units 1 & 2 Sure-Flow Strainer Sections & Details	3
SFS-CP-GA-05	Comanche Peak Units 1 & 2 Sure-Flow Strainer Plenum Box	3
SFS-CP-GA-06	Comanche Peak Units 1 & 2 Sure-Flow Strainer - Sump 2 Mounting Track	10
SFS-CP-GA-07	Comanche Peak Units 1 & 2 Sure-Flow Strainer - Sump 1 Mounting Track	10
SFS-CP-GA-09	Comanche Peak Units 1 & 2 Sure-Flow Strainer General Arrangement - Sump Cover Assembly	3
SFS-CP-GA-10	Comanche Peak Units 1 & 2 Sure-Flow Strainer General Arrangement - Floor Drain Strainer	2



Miscellaneous

<u>NUMBER</u>	<u>DESCRIPTION</u>	<u>Revision/Date</u>
TXX-06062	Updated Response to Requested Information Part 2 of Generic Letter 2004-02	3-31-2006
TXX-06196	Updated Response to Requested Information Part 2 of Generic Letter 2004-02	12-13-2006

Corrective Action Document

2005-003364-16-00