



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

August 31, 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: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -  
COMANCHE PEAK STEAM ELECTRIC STATION

Dear Mr. Blevins:

On August 8, 2007, the NRC staff completed its performance review of the Comanche Peak Steam Electric Station for the first half of the calendar year 2007 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter at Comanche Peak Steam Electric Station, Units 1 and 2 was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). In addition to the baseline inspections, we also plan on completing Temporary Instruction 2515/166, "Pressurized Water Reactor Containment Blockage" for both units.

The enclosed inspection plan details the inspections, except those related to security, scheduled through December 31, 2008. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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).

The NRC is currently evaluating the scope and frequency of all the baseline inspection procedures. If the results of the evaluation, or any other circumstances, cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (817) 860-8148 with any questions you may have regarding this letter or the inspection plan.

Sincerely,



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

Docket Nos. 50-445, 50-446  
License Nos. NPF-87, NPF-89

Enclosure: Comanche Peak Inspection/Activity Plan

cc w/Enclosure:

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SUNSI Review Completed: CEJ ADAMS:  Yes  No Initials: CEJ  
 Publicly Available  Non-Publicly Available  Sensitive  Non-Sensitive

R: REACTORS\EOC and Midcycle\Midcycle Assessment Letters\CPSES.wpd

RIV/SPE/DRP/A	C:DRP/A	D:DRS	D:DRP	C:DRP/A signature
TRFarnholtz;mjs	JCEJohnson	DDChamberlain	ATHowell	CEJohnson
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8/17/07	8/20/07	8/20/07	8/20/07	8/21/07

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**Comanche Peak**  
**Inspection / Activity Plan**  
**09/01/2007 - 12/31/2008**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	End	Inspection Type
	<b>SG-RVH</b>	<b>- UNIT 1 SG &amp; RVH REPLACEMENT</b>	<b>2</b>			
1	IP 50001	Steam Generator Replacement Inspection		01/01/2007	12/31/2007	Other Routine
1	IP 71007	Reactor Vessel Head Replacement Inspection		01/01/2007	12/31/2007	Other Routine
1	IP 7111108P	Inservice Inspection Activities - PWR		01/01/2007	12/31/2007	Baseline Inspections
	<b>RP-ORS5</b>	<b>- OCCUPATIONAL RADIATION SAFETY-ALARA</b>	<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		10/22/2007	10/26/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		10/22/2007	10/26/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		10/22/2007	10/26/2007	Baseline Inspections
	<b>EB2-05T</b>	<b>- TRIENNIAL FIRE PROTECTION</b>	<b>4</b>			
1,2	IP 7111105T	Fire Protection [Triennial]		01/07/2008	01/11/2008	Baseline Inspections
1,2	IP 7111105T	Fire Protection [Triennial]		01/28/2008	02/01/2008	Baseline Inspections
1,2	IP 7111105T	Fire Protection [Triennial]		02/11/2008	02/15/2008	Baseline Inspections
	<b>EB1TI166</b>	<b>- TI 166 CLOSE OUT UNIT1&amp;2</b>	<b>1</b>			
1,2	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		01/30/2008	01/31/2008	Safety Issues
	<b>RP TEAM</b>	<b>- RADIATION SAFETY TEAM INSPECTION</b>	<b>5</b>			
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		02/25/2008	02/29/2008	Baseline Inspections
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		02/25/2008	02/29/2008	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		02/25/2008	02/29/2008	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control F		02/25/2008	02/29/2008	Baseline Inspections
	<b>EB1-08</b>	<b>- U2 INSERVICE INSPECTION</b>	<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		03/31/2008	04/11/2008	Baseline Inspections
	<b>RP-ORS1</b>	<b>- OCCUPATIONAL RADIATION SAFETY-ACCESS</b>	<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		04/07/2008	04/11/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		04/07/2008	04/11/2008	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		04/07/2008	04/11/2008	Baseline Inspections
2	IP 71151-PR01	RETS/ODCM Radiological Effluent		04/07/2008	04/11/2008	Baseline Inspections
	<b>RP-ORS2</b>	<b>- OCCUPATIONAL RADIATION SAFETY-ALARA</b>	<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		06/02/2008	06/06/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		06/02/2008	06/06/2008	Baseline Inspections
1,2	IP 71151-OR01	Occupational Exposure Control Effectiveness		06/02/2008	06/06/2008	Baseline Inspections
2	IP 71151-PR01	RETS/ODCM Radiological Effluent		06/02/2008	06/06/2008	Baseline Inspections
	<b>EP2</b>	<b>- EP PROGRAM</b>	<b>1</b>			
1,2	IP 7111402	Alert and Notification System Testing		06/16/2008	06/20/2008	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		06/16/2008	06/20/2008	Baseline Inspections

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

**Comanche Peak**  
**Inspection / Activity Plan**  
**09/01/2007 - 12/31/2008**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
<b>EP2 - EP PROGRAM</b>			<b>1</b>			
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/16/2008	06/20/2008	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/16/2008	06/20/2008	Baseline Inspections
1,2	IP 71151-EP01	Drill/Exercise Performance		06/16/2008	06/20/2008	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		06/16/2008	06/20/2008	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		06/16/2008	06/20/2008	Baseline Inspections
<b>EB1-21 - COMPONENT DESIGN BASES INSPECTION</b>			<b>4</b>			
1,2	IP 7111121	Component Design Bases Inspection		07/28/2008	08/01/2008	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		08/11/2008	08/22/2008	Baseline Inspections
<b>RP-ORS3 - OCCUPATIONAL RADIATION SAFETY - ALARA</b>			<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		10/20/2008	10/24/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		10/20/2008	10/24/2008	Baseline Inspections
2	IP 71151-OR01	Occupational Exposure Control Effectiveness		10/20/2008	10/24/2008	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		10/20/2008	10/24/2008	Baseline Inspections
<b>REQUAL - BIENNIAL REQUAL</b>			<b>1</b>			
1,2	IP 7111111B	Licensed Operator Requalification Program		12/15/2008	12/19/2008	Baseline Inspections

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This report shows only on-site and announced inspection procedures.