



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

March 2, 2006

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: ANNUAL ASSESSMENT LETTER - COMANCHE PEAK STEAM ELECTRIC  
STATION (NRC INSPECTION REPORT 05000445/2006001 AND  
05000446/2006001)

Dear Mr. Blevins:

On February 9, 2006, the NRC staff completed its performance review of the Comanche Peak Steam Electric Station. Our technical staff reviewed performance indicators for the most recent quarter and inspection results for the period from January 1 through December 31, 2005. 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 physical protection information. A separate letter designated and marked as "Official Use Only - Security-Related Information" will include the physical protection review and resultant inspection plan.

Overall, Comanche Peak Steam Electric Station, Units 1 and 2, operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 performance indicators indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, except those related to physical protection, scheduled through September 30, 2007. In addition to the baseline inspection program, we plan to conduct Inspection Procedure 50001, "Steam Generator Replacement Inspection," and Inspection Procedure 71007, "Reactor Vessel Head Replacement Inspection," relative to the planned replacement of the Unit 1 steam generator and reactor vessel head in the spring of 2007. 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 9 months of the inspection plan are tentative and may be revised at the midcycle 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).

If circumstances arise which cause us to change this 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,

*/RA/*

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

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

Enclosure:  
Comanche Peak Steam Electric Station  
Inspection/Activity Plan

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**RidsNrrDirslpab**

SUNSI Review Completed: cej\_\_\_\_ ADAMS:  Yes     No    Initials: \_\_cej\_\_  
 Publicly Available     Non-Publicly Available     Sensitive     Non-Sensitive

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RIV:C:DRP/A	D:DRS	D:DRP	C:DRP/A sign	
CEJohnson;mjs	DDChamberlain	ATHowell III	CEJohnson	
<b>TRFarnholtz for</b>	<b>/RA/</b>	<b>/RA/</b>	<b>/RA/</b>	
2/24/06	2/24/06	2/27/06	2/27/06	

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T=Telephone

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**Comanche Peak**  
**Inspection / Activity Plan**  
**03/01/2006 - 09/30/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>EB2-12B - MAINTENANCE RULE BIENNIAL</b>		<b>1</b>			
1,2	IP 711112B	Maintenance Effectiveness		03/06/2006	03/10/2006	Baseline Inspections
	<b>RP TEAM - RP SAFETY TEAM</b>		<b>4</b>			
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/13/2006	03/17/2006	Baseline Inspections
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		03/13/2006	03/17/2006	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		03/13/2006	03/17/2006	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Pr		03/13/2006	03/17/2006	Baseline Inspections
	<b>RP-ORS - OCCUPATIONAL RADIATION SAFETY</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		05/15/2006	05/19/2006	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		05/15/2006	05/19/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		05/15/2006	05/19/2006	Baseline Inspections
	<b>EP2 - EMERG PREP PROGRAM</b>		<b>1</b>			
1,2	IP 7111402	Alert and Notification System Testing		07/31/2006	08/04/2006	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		07/31/2006	08/04/2006	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/31/2006	08/04/2006	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/31/2006	08/04/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		07/31/2006	08/04/2006	Baseline Inspections
	<b>EB1-08P - ISI U2</b>		<b>2</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/23/2006	11/03/2006	Baseline Inspections
	<b>RP-ORS - OCCUPATIONAL RADIATION SAFETY</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		10/23/2006	10/27/2006	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		10/23/2006	10/27/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		10/23/2006	10/27/2006	Baseline Inspections
	<b>EB1-21 - CDB</b>		<b>8</b>			
1,2	IP 7111121	Component Design Bases Inspection		11/27/2006	12/01/2006	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		12/11/2006	12/22/2006	Baseline Inspections
	<b>SG-RVH - 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>BI - REQUALIFICATION</b>		<b>1</b>			
1,2	IP 7111111B	Licensed Operator Requalification Program		01/09/2007	01/13/2007	Baseline Inspections
	<b>REQUAL - BIENNIAL REQUALIFICATION</b>		<b>2</b>			
1,2	IP 7111111B	Licensed Operator Requalification Program		01/22/2007	01/26/2007	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**  
**03/01/2006 - 09/30/2007**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>EXAM - INITIAL EXAM</b>		<b>3</b>			
2	X02325	COMANCHE PEAK UNIT 2 INITIAL EXAM (1/29/07)		01/29/2007	02/02/2007	Not Applicable
	<b>EB1-2/17 - 50.59 &amp; PERM MODS</b>		<b>3</b>			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/05/2007	02/09/2007	Baseline Inspections
1,2	IP 711117B	Permanent Plant Modifications		02/05/2007	02/09/2007	Baseline Inspections
	<b>EB1-08P - ISI U1</b>		<b>1</b>			
1	IP 7111108P	Inservice Inspection Activities - PWR		03/12/2007	03/23/2007	Baseline Inspections
	<b>RP-ORS - OCCUPATIONAL RADIATION SAFETY</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		03/19/2007	03/19/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		03/19/2007	03/19/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		03/19/2007	03/19/2007	Baseline Inspections
	<b>BRQ SIM - BIENNIAL REQUAL SIM ONLY</b>		<b>1</b>			
1,2	IP 7111111B	Licensed Operator Requalification Program		04/02/2007	04/06/2007	Baseline Inspections
	<b>EXAM - INITIAL EXAM</b>		<b>4</b>			
1	X02324	COMANCHE PEAK UNIT 1 INITIAL EXAM (1/29/07)		04/02/2007	04/06/2007	Not Applicable
2	X02325	COMANCHE PEAK UNIT 2 INITIAL EXAM (1/29/07)		04/02/2007	04/06/2007	Not Applicable
1	X02324	COMANCHE PEAK UNIT 1 INITIAL EXAM (1/29/07)		04/23/2007	04/27/2007	Not Applicable
2	X02325	COMANCHE PEAK UNIT 2 INITIAL EXAM (1/29/07)		04/23/2007	04/27/2007	Not Applicable
	<b>RP-ORS - OCCUPATIONAL RADIATION SAFETY</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		04/16/2007	04/20/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		04/16/2007	04/20/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		04/16/2007	04/20/2007	Baseline Inspections
	<b>EB2-07B - HEAT SINK INSPECTION</b>		<b>1</b>			
1,2	IP 7111107B	Heat Sink Performance		05/14/2007	05/18/2007	Baseline Inspections
	<b>EB2-52B - PIR TEAM INSPECTION</b>		<b>5</b>			
1,2	IP 71152B	Identification and Resolution of Problems		06/25/2007	06/29/2007	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		07/09/2007	07/13/2007	Baseline Inspections
	<b>RP-ORS - OCCUPATIONAL RADIATION SAFETY</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		08/20/2007	08/20/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		08/20/2007	08/20/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		08/20/2007	08/20/2007	Baseline Inspections
	<b>EP1 - EMERG PREP EXERCISE</b>		<b>3</b>			
1,2	IP 7111401	Exercise Evaluation		08/27/2007	08/31/2007	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/27/2007	08/31/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		08/27/2007	08/31/2007	Baseline Inspections

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