



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

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

Dear Mr. Blevins:

On August 8, 2006, the NRC staff completed its performance review of the Comanche Peak Steam Electric Station for the first half of the calendar year 2006 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 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.

Plant performance for the most recent quarter at Comanche Peak 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 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.

With the exception of inspection related to physical protection, the enclosed inspection plan details the inspections, including Temporary Instructions, scheduled through March 31, 2008. In addition to baseline inspections, 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 reactor vessel head and steam generators in February 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 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).

If circumstances arise which 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 Project Branch A
Division of Reactor Projects

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

Enclosure:
Comanche Peak Inspection/Activity Plan

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-3-

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SUNSI Review Completed: CEJ ADAMS: Yes No Initials: CEJ
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R:_REACTORS\EOC and Midcycle\Midcycle Assessment Letters\2006\CP.wpd

RIV:SPE/DRP/PBA	C:DRP/PBA	D:DRS	D:DRP	C:DRP/ signature
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8/21/06	8/23/06	8/24/06	8/25/06	8/28/06

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**Comanche Peak
Inspection / Activity Plan
07/01/2006 - 03/31/2008**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End	Inspection Type
	EP2 - EMERG PREP PROGRAM		1		
1, 2	IP 7111402	Alert and Notification System Testing		07/24/2006 07/28/2006	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		07/24/2006 07/28/2006	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/24/2006 07/28/2006	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/24/2006 07/28/2006	Baseline Inspections
1, 2	IP 711151	Performance Indicator Verification		07/24/2006 07/28/2006	Baseline Inspections
	TI-169 - MSPI VERIFICATION		1		
1, 2	IP 2515/169	Mitigating Systems Performance Index Verification		09/24/2006 12/31/2006	Safety Issues
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1		
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		10/16/2006 10/20/2006	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		10/16/2006 10/20/2006	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		10/16/2006 10/20/2006	Baseline Inspections
	EB1-08P - ISI U2 & TI 166		2		
2	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02		10/23/2006 11/03/2006	Safety Issues
2	IP 7111108P	Inservice Inspection Activities - PWR		10/23/2006 11/03/2006	Baseline Inspections
	EB1-21 - CDB		8		
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
	SG-RVH - UNIT 1 SG & RVH REPLACEMENT		2		
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
	REQVAL - BIENNIAL REQUALIFICATION		2		
1, 2	IP 7111111B	Licensed Operator Requalification Program		01/22/2007 01/26/2007	Baseline Inspections
	EB1-2/17 - 50.59 & PERM MODS		3		
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/05/2007 02/09/2007	Baseline Inspections
1, 2	IP 7111117B	Permanent Plant Modifications		02/05/2007 02/09/2007	Baseline Inspections
	EXAM - INITIAL EXAM		4		
1	X02324	COMANCHE PEAK UNIT 1 INITIAL EXAM (1/29/07)		02/26/2007 03/02/2007	Not Applicable
2	X02325	COMANCHE PEAK UNIT 2 INITIAL EXAM (1/29/07)		02/26/2007 03/02/2007	Not Applicable
1	X02324	COMANCHE PEAK UNIT 1 INITIAL EXAM (1/29/07)		04/16/2007 04/20/2007	Not Applicable
2	X02325	COMANCHE PEAK UNIT 2 INITIAL EXAM (1/29/07)		04/16/2007 04/20/2007	Not Applicable
	EB1-08P - ISI U1		1		
1	IP 7111108P	Inservice Inspection Activities - PWR		03/12/2007 03/23/2007	Baseline Inspections

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

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End	Inspection Type
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1		
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/19/2007 03/23/2007	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/19/2007 03/23/2007	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		03/19/2007 03/23/2007	Baseline Inspections
	BRQ SIM - BIENNIAL REQUAL SIM ONLY		1		
1, 2	IP 7111111B	Licensed Operator Requalification Program		04/02/2007 04/06/2007	Baseline Inspections
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1		
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		04/01/2007 04/05/2007	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		04/01/2007 04/05/2007	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		04/01/2007 04/05/2007	Baseline Inspections
	EB2-07B - HEAT SINK INSPECTION		1		
1, 2	IP 7111107B	Heat Sink Performance		05/14/2007 05/18/2007	Baseline Inspections
	EB2-52B - PIR TEAM INSPECTION		5		
1, 2	IP 71152B	Identification and Resolution of Problems		06/11/2007 06/15/2007	Baseline Inspections
1, 2	IP 71152B	Identification and Resolution of Problems		06/25/2007 06/29/2007	Baseline Inspections
	RP-ORS - OCCUPATIONAL RADIATION SAFETY		1		
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		08/20/2007 08/24/2007	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		08/20/2007 08/24/2007	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		08/20/2007 08/24/2007	Baseline Inspections
	EPI - EMERG PREP EXERCISE		3		
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
	EB2-05T - TRIENNIAL FIRE PROTECTION		1		
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
	RP TEAM - RADIATION SAFETY TEAM INSPECTION		5		
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 P		02/25/2008 02/29/2008	Baseline Inspections

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