



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
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March 2, 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: ANNUAL ASSESSMENT LETTER - COMANCHE PEAK STEAM ELECTRIC
STATION (NRC INSPECTION REPORT 05000445/2007001 AND
05000446/2007001)

Dear Mr. Blevins:

On February 8, 2007, the NRC staff completed its performance review of the Comanche Peak Steam Electric Station, Units 1 and 2. Our technical staff reviewed performance indicators for the most recent quarter and inspection results for the period from January 1 through December 31, 2006. 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.

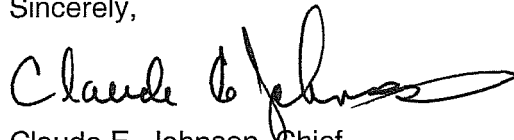
Overall, Comanche Peak Steam Electric Station, Units 1 and 2, operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, was within the Licensee 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, less those related to physical protection scheduled through September 30, 2008. Included in the plan are those inspections associated with the replacement of the steam generators and the reactor pressure vessel head in Unit 1 scheduled for Spring 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,



Claude E. Johnson, Chief
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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Comanche Peak 1
Inspection / Activity Plan
01/01/2007 - 09/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	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	IP 7111111B	Licensed Operator Requalification Program	5	01/22/2007	01/26/2007	Baseline Inspections
	EB1-2/17 - 50.59 & PERM MODS					
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/05/2007	02/09/2007	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		02/05/2007	02/09/2007	Baseline Inspections
	EB1-2/17 - 50.59 AND PERMANENT PLANT MODS		1			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/05/2007	02/09/2007	Baseline Inspections
1	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
1	X02324	COMANCHE PEAK UNIT 1 INITIAL EXAM (1/29/07)		04/16/2007	04/20/2007	Not Applicable
	EB1-08P - ISI U1 & TI 166		4			
1	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-01		03/12/2007	03/23/2007	Safety Issues
1	IP 7111108P	Inservice Inspection Activities - PWR		03/12/2007	03/23/2007	Baseline Inspections
	RP-ORS3 - OCCUPATIONAL RADIATION SAFETY-ALARA		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/26/2007	03/30/2007	Baseline Inspections
	BRQ SIM - BIENNIAL REQUAL SIM ONLY		1			
1	IP 7111111B	Licensed Operator Requalification Program		04/02/2007	04/06/2007	Baseline Inspections
	RP-ORS4 - OCCUPATIONAL RADIATION SAFETY-ACCESS		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/02/2007	04/06/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/02/2007	04/06/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		04/02/2007	04/06/2007	Baseline Inspections
	EB2-07B - HEAT SINK INSPECTION		2			
1	IP 7111107B	Heat Sink Performance		05/14/2007	05/18/2007	Baseline Inspections
	EB2-52B - PIR TEAM INSPECTION		4			
1	IP 71152B	Identification and Resolution of Problems		06/11/2007	06/15/2007	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		06/25/2007	06/29/2007	Baseline Inspections
	RP-ORS5 - OCCUPATIONAL RADIATION SAFETY-ALARA		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		08/20/2007	08/24/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		08/20/2007	08/24/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/20/2007	08/24/2007	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
	EP1 - EMERG PREP EXERCISE		3		
1	IP 7111401	Exercise Evaluation		08/27/2007 08/31/2007	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/27/2007 08/31/2007	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/27/2007 08/31/2007	Baseline Inspections
	EB2-05T - TRIENNIAL FIRE PROTECTION		1		
1	IP 7111105T	Fire Protection [Triennial]		01/07/2008 01/11/2008	Baseline Inspections
1	IP 7111105T	Fire Protection [Triennial]		01/28/2008 02/01/2008	Baseline Inspections
1	IP 7111105T	Fire Protection [Triennial]		02/11/2008 02/15/2008	Baseline Inspections
	RP TEAM - RADIATION SAFETY TEAM INSPECTION		5		
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		02/25/2008 02/29/2008	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		02/25/2008 02/29/2008	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		02/25/2008 02/29/2008	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control F		02/25/2008 02/29/2008	Baseline Inspections
	RP-ORS1 - OCCUPATIONAL RADIATION SAFETY-ACCESS		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		04/14/2008 04/18/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/14/2008 04/18/2008	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		04/14/2008 04/18/2008	Baseline Inspections
	RP-ORS2 - OCCUPATIONAL RADIATION SAFETY-ALARA		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		06/02/2008 06/06/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		06/02/2008 06/06/2008	Baseline Inspections
1	IP 71151-OR01	Occupational Exposure Control Effectiveness		06/02/2008 06/06/2008	Baseline Inspections
	EP2 - EP PROGRAM		1		
1	IP 7111402	Alert and Notification System Testing		06/16/2008 06/20/2008	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		06/16/2008 06/20/2008	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/16/2008 06/20/2008	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/16/2008 06/20/2008	Baseline Inspections
1	IP 71151-EP01	Drill/Exercise Performance		06/16/2008 06/20/2008	Baseline Inspections
1	IP 71151-EP02	ERO Drill Participation		06/16/2008 06/20/2008	Baseline Inspections
1	IP 71151-EP03	Alert & Notification System		06/16/2008 06/20/2008	Baseline Inspections
	EB1-CDBI - COMPONENT DESIGN BASES INSPECTION		5		
1	IP 7111121	Component Design Bases Inspection		07/28/2008 08/22/2008	Baseline Inspections
	RP-ORS3 - OCCUPATIONAL RADIATION SAFETY - ALARA		1		
1	IP 7112101	Access Control to Radiologically Significant Areas		08/18/2008 08/22/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		08/18/2008 08/22/2008	Baseline Inspections
1	IP 71151-PR01	RETS/ODCM Radiological Effluent		08/18/2008 08/22/2008	Baseline Inspections

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Comanche Peak 2
Inspection / Activity Plan
01/01/2007 - 09/30/2008

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Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
2	REGAL - BIENNIAL REQUALIFICATION		2	01/22/2007	01/26/2007	Baseline Inspections
	IP 7111111B	Licensed Operator Requalification Program				
2	EB1-2/17 - 50.59 & PERM MODS		5	02/05/2007	02/09/2007	Baseline Inspections
	IP 7111102	Evaluation of Changes, Tests, or Experiments				
	IP 7111117B	Permanent Plant Modifications		02/05/2007	02/09/2007	Baseline Inspections
2	EB1-2/17 - 50.59 AND PERMANENT PLANT MODS		1	02/05/2007	02/09/2007	Baseline Inspections
	IP 7111102	Evaluation of Changes, Tests, or Experiments				
	IP 7111117B	Permanent Plant Modifications		02/05/2007	02/09/2007	Baseline Inspections
2	EXAM - INITIAL EXAM		4	02/26/2007	03/02/2007	Not Applicable
	X02325	COMANCHE PEAK UNIT 2 INITIAL EXAM (1/29/07)				
	X02325	COMANCHE PEAK UNIT 2 INITIAL EXAM (1/29/07)		04/16/2007	04/20/2007	Not Applicable
2	RP-ORS3 - OCCUPATIONAL RADIATION SAFETY-ALARA		1	03/26/2007	03/30/2007	Baseline Inspections
	IP 7112101	Access Control to Radiologically Significant Areas				
2	BRQ SIM - BIENNIAL REGAL SIM ONLY		1	04/02/2007	04/06/2007	Baseline Inspections
	IP 7111111B	Licensed Operator Requalification Program				
2	RP-ORS4 - OCCUPATIONAL RADIATION SAFETY-ACCESS		1	04/02/2007	04/06/2007	Baseline Inspections
	IP 7112101	Access Control to Radiologically Significant Areas				
	IP 7112102	ALARA Planning and Controls		04/02/2007	04/06/2007	Baseline Inspections
	IP 71151	Performance Indicator Verification				
2	EB2-07B - HEAT SINK INSPECTION		2	05/14/2007	05/18/2007	Baseline Inspections
	IP 7111107B	Heat Sink Performance				
2	EB2-52B - PIR TEAM INSPECTION		4	06/11/2007	06/15/2007	Baseline Inspections
	IP 71152B	Identification and Resolution of Problems				
	IP 71152B	Identification and Resolution of Problems		06/25/2007	06/29/2007	Baseline Inspections
2	RP-ORS5 - OCCUPATIONAL RADIATION SAFETY-ALARA		1	08/20/2007	08/24/2007	Baseline Inspections
	IP 7112101	Access Control to Radiologically Significant Areas				
	IP 7112102	ALARA Planning and Controls		08/20/2007	08/24/2007	Baseline Inspections
	IP 71151	Performance Indicator Verification				
2	EPI - EMERG PREP EXERCISE		3	08/27/2007	08/31/2007	Baseline Inspections
	IP 7111401	Exercise Evaluation				
	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/27/2007	08/31/2007	Baseline Inspections
	IP 71151	Performance Indicator Verification				
2	EB2-05T - TRIENNIAL FIRE PROTECTION		1	01/07/2008	01/11/2008	Baseline Inspections
	IP 7111105T	Fire Protection [Triennial]				
	IP 7111105T	Fire Protection [Triennial]		01/28/2008	02/01/2008	Baseline Inspections

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	EB2-05T - TRIENNIAL FIRE PROTECTION		1		
2	IP 7111105T	Fire Protection [Triennial]		02/11/2008 02/15/2008	Baseline Inspections
	RP TEAM - RADIATION SAFETY TEAM INSPECTION		5		
2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		02/25/2008 02/29/2008	Baseline Inspections
2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		02/25/2008 02/29/2008	Baseline Inspections
2	IP 7112202	Radioactive Material Processing and Transportation		02/25/2008 02/29/2008	Baseline Inspections
2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control F		02/25/2008 02/29/2008	Baseline Inspections
	RP-ORS1 - OCCUPATIONAL RADIATION SAFETY-ACCESS		1		
2	IP 7112101	Access Control to Radiologically Significant Areas		04/14/2008 04/18/2008	Baseline Inspections
2	IP 7112102	ALARA Planning and Controls		04/14/2008 04/18/2008	Baseline Inspections
2	IP 71151-PR01	RETS/ODCM Radiological Effluent		04/14/2008 04/18/2008	Baseline Inspections
	RP-ORS2 - OCCUPATIONAL RADIATION SAFETY-ALARA		1		
2	IP 7112101	Access Control to Radiologically Significant Areas		06/02/2008 06/06/2008	Baseline Inspections
2	IP 7112102	ALARA Planning and Controls		06/02/2008 06/06/2008	Baseline Inspections
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
	EP2 - EP PROGRAM		1		
2	IP 7111402	Alert and Notification System Testing		06/16/2008 06/20/2008	Baseline Inspections
2	IP 7111403	Emergency Response Organization Augmentation Testing		06/16/2008 06/20/2008	Baseline Inspections
2	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/16/2008 06/20/2008	Baseline Inspections
2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/16/2008 06/20/2008	Baseline Inspections
2	IP 71151-EP01	Drill/Exercise Performance		06/16/2008 06/20/2008	Baseline Inspections
2	IP 71151-EP02	ERO Drill Participation		06/16/2008 06/20/2008	Baseline Inspections
2	IP 71151-EP03	Alert & Notification System		06/16/2008 06/20/2008	Baseline Inspections
	EB1-CDBI - COMPONENT DESIGN BASES INSPECTION		5		
2	IP 711121	Component Design Bases Inspection		07/28/2008 08/22/2008	Baseline Inspections
	RP-ORS3 - OCCUPATIONAL RADIATION SAFETY - ALARA		1		
2	IP 7112101	Access Control to Radiologically Significant Areas		08/18/2008 08/22/2008	Baseline Inspections
2	IP 7112102	ALARA Planning and Controls		08/18/2008 08/22/2008	Baseline Inspections
2	IP 71151-OR01	Occupational Exposure Control Effectiveness		08/18/2008 08/22/2008	Baseline Inspections

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

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