



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

March 3, 2008

Mike Blevins, Executive Vice President
and Chief Nuclear Officer
Luminant Generation Company, LLC
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 05000445/2008001 and 05000446/2008001)

Dear Mr. Blevins:

On February 5, 2008, the NRC staff completed its performance review of 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, 2007. 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.

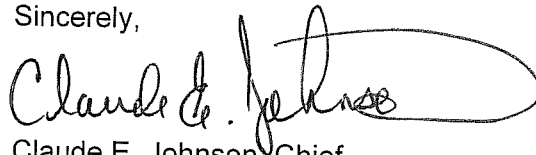
Overall, Comanche Peak Steam Electric Station Units 1 and 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, was within the Licensee Response 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). Although plant performance was within the Licensee Response column, the significance of the failure of a diesel generator, DG 1-02, to start during a monthly surveillance test has been determined to be of low to moderate safety significance (White). Therefore, during the next quarter a change in performance will be reflected, and we plan to conduct a supplemental inspection (95001) to review the actions taken to address the failure of DG 1-02 to start at your facility.

The enclosed inspection plan details the inspections, except those related to physical protection scheduled through June 30, 2009. 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 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
Reactor Projects Branch A
Division of Reactor Projects

Docket: 50-445; 50-446
License: NPF-87; NPF-89

Enclosure: Comanche Peak Steam Electric Station Inspection/ Activity Plan

cc w/enclosures:

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Comanche Peak
Inspection / Activity Plan
03/01/2008 - 06/30/2009

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Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
2	EB1-08 - U2 INSERVICE INSPECTION		2	03/31/2008	04/11/2008	Baseline Inspections
	IP 7111108P	Inservice Inspection Activities - PWR				
1,2	EB1T1166 - T1 166 CLOSE OUT UNIT1&2		2	03/31/2008	04/11/2008	Safety Issues
	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]				
1,2	RP-ORS1 - OCCUPATIONAL RADIATION SAFETY-ACCESS		1	04/07/2008	04/11/2008	Baseline Inspections
	IP 7112101	Access Control to Radiologically Significant Areas				
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
1,2	EPI - BIENNIAL EP PROGRAM INSPECTION		1	05/05/2008	05/09/2008	EP Baseline Inspection
	IP 7111402	Alert and Notification System Testing				
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		05/05/2008	05/09/2008	EP Baseline Inspection
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		05/05/2008	05/09/2008	EP Baseline Inspection
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		05/05/2008	05/09/2008	EP Baseline Inspection
1,2	IP 71151-EP01	Drill/Exercise Performance		05/05/2008	05/09/2008	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		05/05/2008	05/09/2008	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		05/05/2008	05/09/2008	Baseline Inspections
1,2	RP-ORS2 - OCCUPATIONAL RADIATION SAFETY-ALARA		1	07/14/2008	07/18/2008	Baseline Inspections
	IP 7112101	Access Control to Radiologically Significant Areas				
1,2	IP 7112102	ALARA Planning and Controls		07/14/2008	07/18/2008	Baseline Inspections
1,2	IP 71151-OR01	Occupational Exposure Control Effectiveness		07/14/2008	07/18/2008	Baseline Inspections
2	IP 71151-PR01	RETS/ODCM Radiological Effluent		07/14/2008	07/18/2008	Baseline Inspections
1	EB1-08 - U1 INSERVICE INSPECTION		2	09/29/2008	10/10/2008	Baseline Inspections
	IP 7111108P	Inservice Inspection Activities - PWR				
1,2	RP-ORS3 - OCCUPATIONAL RADIATION SAFETY - ALARA		1	10/20/2008	10/24/2008	Baseline Inspections
	IP 7112101	Access Control to Radiologically Significant Areas				
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
1,2	REQUAL - BIENNIAL REQUAL		1	12/15/2008	12/19/2008	Baseline Inspections
	IP 7111111B	Licensed Operator Requalification Program				
1,2	EB2-07T - TRIENNIAL HEAT SINK INSPECTION		1	01/26/2009	01/30/2009	Baseline Inspections
	IP 7111107B	Heat Sink Performance				

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

Comanche Peak

Inspection / Activity Plan

03/01/2008 - 06/30/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB1-17T - 50.59 PERM MODS		2			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/02/2009	02/13/2009	Baseline Inspections
1,2	IP 711117B	Evaluations of Changes, Tests, or Experiments & Permanent Plant Modifications		02/02/2009	02/13/2009	Baseline Inspections
	EXAM - INITIAL EXAM		4			
1	X02407	INITIAL EXAM UNIT 1-CP (3/2009)		03/30/2009	04/03/2009	Not Applicable
	EXAM - INITIAL EXAM		4			
2	X02408	INITIAL EXAM UNIT 2-CP (3/2009)		03/30/2009	04/03/2009	Not Applicable

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

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

R:\ Reactors\EOC and Midcycle\EOC Assessment Letters\2007-dated 3-2-08\CP.doc

RIV:C:DRPVA	D:DRS	D:DRP	C:DRPVA Signature
CJohnson	RCaniano	DChamberlain	CJohnson
/RA/	/RA/	/RA/	/RA/
2/28/2008	2/28/2008	02/25/2008	02/28/2008

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