



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

March 4, 2009

Rafael Flores, 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 (REPORTS 05000445/2009001 AND 05000446/2009001)

Dear Mr. Flores:

On February 10, 2009, the NRC staff completed its performance review of the Comanche Peak Steam Electric Station, Units 1 and 2. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2008. 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-Related 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 at Unit 1 was within the Regulatory Response column of the NRC's Action Matrix based on one violation of low to moderate safety significance (White). A 95001 supplemental inspection was conducted in the second quarter of 2008 for this issue with no additional findings. Therefore, the White finding expired on December 31, 2008.

Plant performance for the most recent quarter at Unit 2, 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 PIs 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 June 30, 2010. 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 mid-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 this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (817) 860-8249 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Dwight D. Chamberlain, Director
Division of Reactor Projects

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

Enclosure: Comanche Peak Steam Electric Station Inspection/Activity Plan

cc/wEnclosure:
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

Fred W. Madden, Director
Oversight and Regulatory Affairs
Luminant Generation Company LLC
P.O. Box 1002
Glen Rose, TX 76043

Greg Doyle, Sheriff
Somervell County
750 E. Gibbs Blvd.
Glen Rose, TX 76043

Timothy P. Matthews, Esq.
Morgan Lewis
1111 Pennsylvania Avenue, NW
Washington, DC 20004

The Honorable Pam Miller
Mayor of Glen Rose
P.O. Box 1949
Glen Rose, TX 76043

Anthony Jones, Chief Boiler Inspector
Texas Department of Licensing
and Regulation
Boiler Program
P.O. Box 12157
Austin, TX 78711

The Honorable Andy Rash
Hood County Judge
100 E. Pearl Street
Granbury, TX 76048

The Honorable Walter Maynard
Somervell County Judge
P.O. Box 851
Glen Rose, TX 76043

The Honorable David Southern
Mayor of Granbury
P.O. Box 969
Granbury, TX 76048

Richard A. Ratliff, Chief
Bureau of Radiation Control,
Texas Department of Health
1100 West 49th Street
Austin, TX 78756-3189

Federal Emergency Management Agency
ATTN: William E. Peterson, Regional
Director
Region VI, Federal Center
800 North Loop 288
Denton, TX 76209-3698

Auburn Mitchell
Environmental and Natural
Resources Policy Director
Office of the Governor
State Capitol Building
P. O. Box 12428
Austin, TX 78701

Barry Smitherman, Chairman
Public Utility Commission
William B. Travis Bldg.
P.O. Box 13326
Austin, TX 78711-3326

Zak Covar
Environmental and Natural
Resources Policy Director
Office of the Governor
State Capitol Building
P. O. Box 12428
Austin, TX 78701

William "Dub" Taylor
State Energy Conservation Office
Comptroller of Public Accounts
P.O. Box 13528
Austin, TX 78711-3528

David Featherson
Director Infrastructure Reliability Division,
PUC
1701 N. Congress Ave
Austin, TX 78711-3326

Gene Mayo
Sheriff, Hood County
400 N. Gordon Street
Granbury, TX 76048

Dan Eden, Deputy Director,
Office of Permitting, Remediation
and Registration TCEQ
MC-122
P.O. Box 13087
Austin, TX 78711-3087

Jack Colley, State Coordinator
Division of Emergency Management
Texas Department of Public Safety
5805 North Lamar Blvd.
Austin, TX 78773-4087

Lisa R. Hammond, Chief
Technological Hazards Branch
National Preparedness Division
FEMA Region VI
800 N. Loop 288
Denton, TX 76209

County Judge
P.O. Box 851
Glen Rose, TX 76043

Environmental and Natural
Resources Policy Director
Office of the Governor
P.O. Box 12428
Austin, TX 78711-3189

Mr. Brian Almon
Public Utility Commission
William B. Travis Building
P.O. Box 13326
Austin, TX 78711-3326

Ms. Susan M. Jablonski
Office of Permitting, Remediation
and Registration
Texas Commission on
Environmental Quality
MC-122
P.O. Box 13087
Austin, TX 78711-3087

Electronic distribution by RIV:

Regional Administrator (Elmo.Collins@nrc.gov)
 Deputy Regional Administrator (Chuck.Casto@nrc.gov)
 DRP Director (Dwight.Chamberlain@nrc.gov)
 DRP Deputy Director (Anton.Vegel@nrc.gov)
 DRP Director (Roy.Caniano@nrc.gov)
 DRP Deputy Director (Troy.Pruett@nrc.gov)
 Senior Resident Inspector (John.Kramer@nrc.gov)
 Branch Chief, DRP/A (George.Replogle@nrc.gov)
 Team Leader, DRP/TSS (Chuck.Paulk@nrc.gov)
 RITS Coordinator (Marisa.Herrera@nrc.gov)
 Public Affairs Officer (Victor.Dricks@nrc.gov)
 Regional State Liaison Officer (Bill.Maier@nrc.gov)
 RA Secretary (Lucy.Owen@nrc.gov)
 DRA Secretary (Judy.Kilcrease@nrc.gov)
 Branch Chief, DRS/EB1 (Thomas.Farnholtz@nrc.gov)
 Branch Chief, DRS/EB2 (Neil.OKeefe@nrc.gov)
 Branch Chief, DRS/PSB1 (Michael.Shannon@nrc.gov)
 Branch Chief, DRS/PSB2 (Greg.Werner@nrc.gov)
 Branch Chief, DRS/OB (Bernard.Stapleton@nrc.gov)
 OEDO RIV Coordinator, Primary (Shawn.Williams@nrc.gov)
 OEDO RIV Coordinator, Backup (Eugene.Guthrie@nrc.gov)
 OEDO, TRPS (Tamara.Bloomer@nrc.gov)
 Deputy Director, DIRS, NRR (Frederick.Brown@nrc.gov)
 Director, DORL, NRR (Joseph.Giitter@nrc.gov)
 Deputy Director, DORL, NRR (Timothy.McGinty@nrc.gov)
 Chief, PLB IV, DORL, NRR (Thomas.Hiltz@nrc.gov)
 NRR Project Manager (Fred.Lyon@nrc.gov)
 RidsNrrDirslpab.Resource@nrc.gov
 ROPreports.Resource@nrc.gov
 mortensengk@INPO.org

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Publicly Avail	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	GR
C:DRP/A	D:DRS	D:DRP	C:DRP/A (Signature)		
GDReplogle	RJCaniano	DDChamberlain	GDReplogle		
/RA/	/RA/	/RA/	/RA/		
2/23/2009	2/23/2009	2/24/2009	2/24/2009		

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Comanche Peak
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
EXAM - INITIAL EXAM					4
1	03/30/2009	04/03/2009	X02407	INITIAL EXAM UNIT 1-CP (3/2009)	
2	03/30/2009	04/03/2009	X02408	INITIAL EXAM UNIT 2-CP (3/2009)	
EP1 - EP EXERCISE INSPECTION					3
1,2	04/06/2009	04/10/2009	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review	
1,2	04/06/2009	04/10/2009	IP 7111401	Exercise Evaluation	
1,2	04/06/2009	04/10/2009	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	04/06/2009	04/10/2009	IP 71151	Performance Indicator Verification	
X02407 - INITIAL EXAM					4
1	03/30/2009	04/03/2009	X02407	INITIAL EXAM UNIT 1-CP (3/2009)	
X02408 - INITIAL EXAM					4
2	03/30/2009	04/03/2009	X02408	INITIAL EXAM UNIT 2-CP (3/2009)	
PSB2-52B - BIENNIAL PI&R INSPECTION					4
1,2	07/27/2009	08/01/2009	IP 71152B	Identification and Resolution of Problems	
1,2	08/10/2009	08/14/2009	IP 71152B	Identification and Resolution of Problems	
EB1-08 - U2 INSERVICE INSPECTION					2
2	10/13/2009	10/23/2009	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	
2	10/13/2009	10/23/2009	IP 7111108P	Inservice Inspection Activities - PWR	
RP-ORS4 - OCCUPATIONAL RADIATION SAFETY					1
1,2	10/05/2009	10/09/2009	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	10/05/2009	10/09/2009	IP 7112102	ALARA Planning and Controls	
1,2	10/05/2009	10/09/2009	IP 71151	Performance Indicator Verification	
RP-ORS5 - OCCUPATIONAL RADIATION SAFETY - ALARA					1
1,2	11/16/2009	11/20/2009	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	11/16/2009	11/20/2009	IP 7112102	ALARA Planning and Controls	
1,2	11/16/2009	11/20/2009	IP 71151	Performance Indicator Verification	
EP-1 - BIENNIAL EP PROGRAM INSPECTION					1
1,2	03/01/2010	03/05/2010	IP 7111402	Alert and Notification System Testing	
1,2	03/01/2010	03/05/2010	IP 7111403	Emergency Response Organization Augmentation Testing	
1,2	03/01/2010	03/05/2010	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	03/01/2010	03/05/2010	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1,2	03/01/2010	03/05/2010	IP 71151-EP01	Drill/Exercise Performance	
1,2	03/01/2010	03/05/2010	IP 71151-EP02	ERO Drill Participation	
1,2	03/01/2010	03/05/2010	IP 71151-EP03	Alert & Notification System	

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

Comanche Peak
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
EXAM - INITIAL EXAM					3
1	02/22/2010	02/26/2010	X02437	INITIAL EXAM UNIT 1-CP	
2	02/22/2010	02/26/2010	X02438	INITIAL EXAM UNIT 2- CP	
1	03/22/2010	03/26/2010	X02437	INITIAL EXAM UNIT 1-CP	
2	03/22/2010	03/26/2010	X02438	INITIAL EXAM UNIT 2- CP	
EB1-21 - COMPONENT DESIGN BASES INSPECTION					6
1,2	03/29/2010	04/02/2010	IP 7111121	Component Design Bases Inspection	
1,2	04/12/2010	04/23/2010	IP 7111121	Component Design Bases Inspection	
EB1-08 - U1 INSERVICE INSPECTION					3
1	04/12/2010	04/23/2010	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	
1	04/12/2010	04/23/2010	IP 7111108P	Inservice Inspection Activities - PWR	

This report does not include INPO and OUTAGE activities.
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