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UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

August 31, 2010

Rafael Flores, Senior Vice President
and Chief Nuclear Officer
Attention: Regulatory Affairs
Luminant Generation Company LLC
Comanche Peak Nuclear Power Plant
P.O. Box 1002
Glen Rose, TX 76043

SUBJECT: COMANCHE PEAK NUCLEAR POWER PLANT, UNITS 1 AND 2 - NRC
SECURITY INSPECTION REPORT 05000445/2010402 AND
05000446/2010402

Dear Mr. Flores:

On August 12, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Comanche Peak Nuclear Power Plant. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were discussed on August 12, 2010, with Mr. M. Lucas, Site Vice President, and other members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

This report documents one NRC identified finding of very low security significance (i.e., Green as determined by the physical protection significance determination process). This deficiency was promptly corrected or compensated for, and the plant was in compliance with applicable physical protection and security requirements within the scope of this inspection before the

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inspectors left the site. Additionally, a licensee identified violation which was determined to be of very low security significance is listed in this report. However, because of the very low security significance, and because these violations were entered into your corrective action program, the NRC is treating these violations as noncited violations (NCVs) consistent with Section VI.A.1 of the NRC Enforcement Policy. If you contest these noncited violations, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN.: Document Control Desk, Washington, D.C. 20555-0001; with copies to the Regional Administrator, Region IV, U.S. Nuclear Regulatory Commission, Region IV, 612 E. Lamar Blvd, Suite 400, Arlington, Texas, 76011-4125; the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001; and the NRC Resident Inspector at Comanche Peak Nuclear Power Plant.

Additionally, the NRC identified finding had a crosscutting aspect in the area of human performance associated with decision making because your staff failed to use conservative assumptions (H1.b). If you disagree with the crosscutting aspect assigned to the finding in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the Regional Administrator, Region IV, and the NRC Resident Inspector at Comanche Peak Nuclear Power Plant.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the NRC's document system, ADAMS. ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If safeguards information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark

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your entire response “Security-Related Information-Withhold Under 10 CFR 2.390” and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Sincerely,

/RA/

Michael P. Shannon, Chief
Plant Support Branch-1
Division of Reactor Safety

Docket No.: 50-445; 50-446
License No.: NPF-87; NPF-89

Nonpublic Enclosure:
NRC Inspection Report 05000445/2010402, 05000446/2010402
w/Attachment: Supplemental Information

cc w/o enclosure:
Mr. Fred W. Madden, Director
Oversight and Regulatory Affairs
Luminant Generation Company LLC
P.O. Box 1002
Glen Rose, TX 76043

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Inspection Reports/MidCycle and EOC Letters to the following:
ROPreports

Only inspection reports to the following:

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Executive Technical Assistant (John.Giessner@nrc.gov)

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Security Related Complete Report - OOU:

SUNSI Review Completed: JMR ADAMS: Yes Initials: JMR

Non-Publicly Available Sensitive-Security- Related-Periodic Review Required

Letter Only:

SUNSI Review Completed: JMR ADAMS: Yes Initials: JMR

Publicly Available Non-Sensitive

PSI:PSB1	PSI:PSB1	PSI:PSB1	C:PSB1	C:PBA	C:PSB1
PFrechette	JBuchanan	JRollins	MShannon	WWalker	MShannon
/RA/	/RA/	/RA/	/RA/	/RA/	/RA/
8/30/10	8/31/10	8/26/10	8/31/10	8/31/10	8/31/10

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