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CP-200801166
Log # TXX-08116

Ref. # 10CFR26.71

August 26, 2008

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

**SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION
DOCKET NOS. 50-445 and 50-446
TRANSMITTAL OF FIRST-HALF 2008 FITNESS-FOR-DUTY PROGRAM
PERFORMANCE DATA**

Dear Sir or Madam:

Pursuant to 10CFR26.71, Luminant Generation Company LLC (Luminant Power) hereby submits the Fitness-For-Duty Program Performance data for Comanche Peak Steam Electric Station, herein referred to as Comanche Peak Nuclear Power Plant (CPNPP). Attached are CPNPP's Fitness-For-Duty Program Performance data for the six month period of January 1, 2008 through June 30, 2008.

The data required by 10CFR26.71(d) are provided on standard forms with the exception of the summary of management actions and list of events reported, which are provided on a separate page entitled "Summary of Management Actions and Statistical Analysis for Reporting Period."

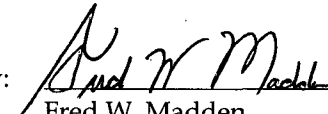
If there are any questions, please contact Mr. Kenn Tate at (254) 897-6644.

There are no regulatory commitments for CPNPP, Units 1 and 2 contained in this letter.

Sincerely,

Luminant Generation Company LLC

Mike Blevins

By: 
Fred W. Madden
Director, Oversight & Regulatory Affairs

A021
NR

- Attachments 1 Fitness-For-Duty Program Performance Data
2 Summary of Management Actions and Statistical Analysis for Reporting Period

c - E. E. Collins, Region IV
B. K. Singal, NRR
Resident Inspectors, Comanche Peak

ATTACHMENT 1 to TXX-08116

Fitness-For-Duty Program Performance Data

**Fitness For Duty Program
Performance Data
Personnel Subject to 10CFR26
(NUMARC Rev. Date 1/92)**

6 Months 01/01/2008 to 06/30/2008

Company Luminant Power

Location Comanche Peak

Contact Name Chuck Cotton

Phone 254-897-8868

Cutoffs: Screen / Confirmation (ng/ml)

Appendix A to 10CFR26

Marijuana 50 / 15	Amphetamines 1000 / 500
Cocaine 300 / 150	Phencyclidine 25 / 25
Opiates 300 / 300	Alcohol (.04% BAC)

Average Number with Unescorted Access	Licensee Employees	Long-Term Contractor Employees	Short-Term Contractor Employees
1522	772.3380281690	.1971830985915	827.0985915493

	Number Tested	Number Positive	Number Tested	Number Positive	Number Tested	Number Positive
FOLLOW-UP	9	0	0	0	1	0
FOR CAUSE - OB	2	1	0	0	1	0
FOR CAUSE - PA	0	0	0	0	0	0
PRE-ACCESS	14	0	0	0	1076	12
RANDOM	246	0	0	0	214	2
OTHER	6	0	0	0	15	0
Totals	277	1	0	0	1307	14

Breakdown of Confirmed Positive Tests for Specific Substances

	MARIJUANA	COCAINE	OPIATES	AMPHETAMINES	PCP	ALCOHOL	REFUSED
Licensee Employee	1	1	0	0	0	0	0
Short Term Contractor	7	2	0	1	0	0	4
Totals	8	3	0	1	0	0	4

ATTACHMENT 2 to TXX-08116

Summary of Management Actions and Statistical Analysis for Reporting Period

Summary of Management Actions and Statistical Analysis for Reporting Period January through June 2008.

Analysis of the data indicates that we randomly tested 29.1% of the average eligible population during the period of this report.

Due to a refueling outage during this reporting period, we had a total of fifteen positive drug test, one utility employee and fourteen contractor employees. The utility employee tested positive for two drugs on a for-cause drug and alcohol test. There were four refusals to test for the period, all four were contract employees. There were no reportable events associated with the testing.

Luminant Power submitted blind performance specimens in accordance with 10CFR26, Appendix A, Section 2.8(e)(2), requirements. There were no reportable events associated with the performance specimen testing.

No events were reported by telephone under 10CFR26 and 10CFR73.