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April 28, 2009

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 YEAR 2008 RADIOLOGICAL ENVIRONMENTAL OPERATING

REPORT

Dear Sir or Madam:

Enclosed is the Annual Radiological Environmental Operating Report for the Comanche Peak Radiological Environmental Monitoring Program. This report is submitted pursuant to Section 5.6.2 of the Comanche Peak Units 1 and 2 Technical Specifications (Appendix A to Operating License Nos. NPF-87 and NPF-89). The report covers the period from January 1, 2008 through December 31, 2008 and summarizes the results of measurements and analysis of data obtained from samples collected during this interval.

If there are any questions regarding this report, please contact Steve Dixon at (254) 897-5482 or Scott Bradley at (254) 897-5495.

Sincerely,

Luminant Generation Company LLC

Rafael Flores

Fred W. Madden

Director, Oversight & Regulatory Affairs

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Enclosure - Comanche Peak Annual Radiological Environmental Operating Report for 2008

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