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CP-200901403
TXX-09128

Ref. # GL 2004-02

October 13, 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
SUPPLEMENT TO RESPONSE TO NRC GENERIC LETTER (GL) 2004-02,
"POTENTIAL IMPACT OF DEBRIS BLOCKAGE ON EMERGENCY
RECIRCULATION DURING DESIGN BASIS ACCIDENTS AT PRESSURIZED-
WATER REACTORS"

- REFERENCES:**
1. Letter Logged TXX-08033 from M. Blevins to the NRC, dated February 29, 2008, SUPPLEMENT TO RESPONSE TO NRC GENERIC LETTER (GL) 2004-02
 2. Letter Logged TXX-08141 from M. Blevins to the NRC, dated November 26, 2008, SUPPLEMENT TO RESPONSE TO NRC GENERIC LETTER (GL) 2004-02
 3. SUMMARY OF JULY 9, 2009, CATEGORY 1 MEETING WITH LUMINANT GENERATION COMPANY LLC ON RESOLUTION OF GENERIC LETTER 2004-02, dated July 31, 2009 (TAC NOS. MC4676 AND MC4677) [ML091970578]
 4. Letter dated July 15, 2009, from Balwant K. Singal (NRC) to Rafael Flores (Luminant) - REQUEST FOR ADDITIONAL INFORMATION REGARDING RESPONSE TO GENERIC LETTER 2004-02 [ML091670738]
 5. Letter logged TXX-09114 from Raphael Flores to the NRC, dated September 10, 2009, SUPPLEMENT TO RESPONSE TO NRC GENERIC LETTER (GL) 2004-02
 6. Summary of August 10, 2009, CATEGORY 1 MEETING with LUMINANT Generation Company LLC on Resolution of GENERIC LETTER 2004-02, dated September 1, 2009 (TAC NOS. MC4676 AND MC4677)
 7. Letter logged TXX-09126 from Raphael Flores to the NRC dated October 12, 2009, SUPPLEMENT TO RESPONSE TO NRC GENERIC LETTER (GL) 2004-02

Dear Sir or Madam:

By letter dated February 29, 2008 [Reference 1] (Agencywide Documents Access and Management System (ADAMS) Accession No. ML080660596), Luminant Generation Company LLC (Luminant Power) supplemented responses to Generic Letter (GL) 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors," for Comanche Peak, Units 1 and 2. By letter November 26, 2008 [Reference 2] (ADAMS Accession No. ML083500465), Luminant Power revised the response submitted in Reference 1. This letter provides revision 2 of Engineering Report ER-ESP-001 submitted in References 1 and 2. Luminant Power met with the Nuclear Regulatory Commission (NRC) on July 9, 2009, in a public meeting [Reference 3] addressing NRC questions regarding responses to GL 2004-02 [Reference 4] and subsequently participated in a public

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phone call on August 10, 2009 [Reference 6] to conclude the discussion of the NRC request for additional information from the public meeting. Luminant Power provided additional information in response to RAI 24 and RAI 37 regarding Secondary Line Breaks to the NRC on September 10, 2009 [Reference 5]. During the August 10th phone call with the NRC, Luminant Power agreed to provide a video of Comanche Peak fiber transport testing to the NRC. Luminant Power provided the video of the Comanche Peak fiber transport testing to the NRC on October 12, 2009 [Reference 7]. The enclosure to this letter provides the Luminant Power Engineering Report for Generic Safety Issue (GSI)-191 containing revised sections addressing the RAIs provided in Reference 4.

This letter contains no new or revised licensing commitments regarding Comanche Peak Units 1 and 2.

Should you have any questions, please contact Mr. J. D. Seawright at (254) 897-0140.

I state under penalty of perjury that the foregoing is true and correct.

Executed on October 13, 2009.

Sincerely,

Luminant Generation Company LLC

Rafael Flores

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

Enclosure - Engineering Report ER-ESP-001

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