

10 CFR 52.75

November 14, 2008

U.S. Nuclear Regulatory Commission
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ALNRC 00009

NRC PROJECT #750
AMERENUE – CALLAWAY PLANT UNIT 2
SUBMITTAL OF FINAL SAFETY ANALYSIS REPORT, REVISION 1 FOR THE
CALLAWAY PLANT UNIT 2 COMBINED LICENSE APPLICATION

- References:
- (1) Letter AUE to NRC - ALNRC 00004 dated July 24, 2008
 - (2) Letter AUE to NRC - ALNRC 00006 dated September 10, 2008
 - (3) Letter AUE to NRC - ALNRC 00007 dated September 24, 2008
 - (4) Letter AUE to NRC - ALNRC 00008 dated October 14, 2008
 - (5) Letter NRC to AUE - (ML082840543) dated October 16, 2008

During the Nuclear Regulatory Commission (NRC) staff acceptance review of the Combined License Application (COLA) for Callaway Plant Unit 2 (Reference 1), additional information was requested for Final Safety Analysis Report (FSAR) Section 2.5. Supplemental information was provided to the NRC on September 24, 2008 (Reference 3). Following NRC review of this supplemental information, additional information was requested in order to allow the Callaway Plant Unit 2 COLA to be docketed (References 4 and 5). The purpose of this letter is to provide a revised FSAR (COLA Part 2) that addresses the items communicated to AmerenUE by the NRC in Reference 5.

As a result of interactions with the NRC Staff, AmerenUE conducted additional literature searches and field studies, and has re-written FSAR Section 2.5 to improve clarity and quality. None of the additional investigations resulted in changes to the Probabilistic Seismic Hazards Analysis (PSHA) or altered the hazards defined for the Callaway Site.

Revision 1 also updates the FSAR regarding references to the U.S. EPR Revision 1 concerning the spent fuel storage racks and criticality analysis information as

outlined in Reference 2. This change has been previously discussed with the NRC Staff and does not affect the current NRC review.

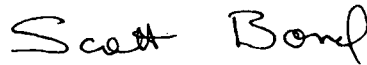
Only the FSAR (COLA Part 2), COLA Part 9 and COLA enclosures (COLA Parts 11F and 11G) are being submitted as there are no changes to any other COLA part. Technical changes are limited to FSAR Section 2.5; and COLA Parts 11F and 11G. Changes to the document are noted by revision bars in the margin. The footers on the balance of the FSAR pages have been updated to indicate the FSAR is now Revision 1. This results in non-technical updates to FSAR Section 3.7 and Part 9 (e.g., update pages to indicate Revision 1). There are no changes to any Sensitive Unclassified Non-Safeguards Information (SUNSI) or proprietary information in this COLA revision. Please continue to withhold the information in COLA Part 9 from public disclosure in accordance with the affidavit provided in Reference 1, Enclosure 3.

A meeting between NRC Staff and AmerenUE is scheduled for November 20, 2008, in NRC's Rockville offices. The purpose of the meeting is to summarize the changes and to provide background on additional research conducted to support the revision. AmerenUE believes the information in Revision 1 and the discussions during our November 20 meeting will facilitate an expeditious review of FSAR Section 2.5. AmerenUE requests the NRC complete the COLA acceptance review and issue the docketing decision by December 15, 2008.

If you have any questions, or need additional information, please contact me at (573) 676-8519 or Dave Shafer at (573) 676-4722.

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

Executed on November 14, 2008



Scott Bond
Manager,
Nuclear Generation Development

SMB/PGL/slk

Enclosures:

1) Callaway Plant Unit 2, Combined License (COLA), Part 2, Final Safety Analysis Report (FSAR), Revision 1, Public and Non-Public versions

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Enclosures:

- 1) Callaway Plant Unit 2
COLA, Part 2 – Final Safety Analysis Report, Revision 1
COLA Part 9 – Sensitive Information
COLA Part 11 – COLA Enclosures
Public Version

- 2) Callaway Plant Unit 2
COLA, Part 2 – Final Safety Analysis Report, Revision 1
COLA Part 9 – Sensitive Information
COLA Part 11 – COLA Enclosures
Non-Public Version