

September 15, 2008

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
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Washington, DC 20555-0001

ULNRC-05540



Ladies and Gentlemen:

**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
RESPONSE TO NRC REQUEST FOR ADDITIONAL INFORMATION
REGARDING CONTROL SYSTEMS VULNERABILITY (TAC NO. MD9045)**

- References:
1. NRC Letter, "Callaway Plant, Unit 1 – Request for Additional Information Regarding Control Systems Vulnerability (TAC NO. MD9045)," dated July 15, 2008
 2. AmerenUE Letter ULNRC-05433, "Control System Vulnerability 60-Day Response," dated August 20, 2007
 3. NRC Letter from J. E. Dryer to Facility Addressees, "Control System Vulnerability," dated June 22, 2007

Enclosed is AmerenUE's response to the NRC's request for additional information (RAI) that was transmitted to AmerenUE (Union Electric Company) by NRC letter dated July 15, 2008 (Reference 1). The RAI concerns the control systems vulnerability issue that has been identified for the industry and which prompted an initial request from the NRC to all nuclear power plant licensees on June 22, 2007 (Reference 3) to provide information regarding the vulnerability and plant safety/security implications of this issue. AmerenUE responded to the NRC's initial information request by letter dated August 20, 2007 (Reference 2).

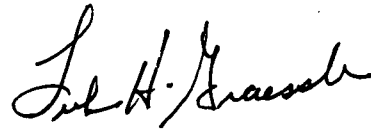
The NRC's recently transmitted RAI letter requests additional information in regard to the information originally provided in AmerenUE's Reference 2 response letter. The requested additional information is hereby provided in the enclosure to this letter and in accordance with the 60-day response time specified in the RAI letter.

As noted in the RAI letter, a list of specific RAIs was compiled for the industry such that not every RAI was transmitted to each licensee. The RAIs transmitted to each licensee therefore are not numbered in a continuous sequence since only the RAIs applicable to a particular licensee were transmitted to that licensee. For AmerenUE, only RAIs 2, 3, 7, 8, 9, 10, 11, 12, 22 and 23 were transmitted for response. With respect to the NRC's RAI letter, the RAIs addressed in the enclosure to this letter are numbered the same way. In addition, AmerenUE's responses to the RAIs are provided in the table format recommended per the RAI letter.

Please note that the information provided in Enclosure 1 is security-related information that is considered to be sensitive. Therefore, AmerenUE requests that the contents of the enclosure be withheld from public disclosure in accordance with 10 CFR 2.390.

Please contact Mr. Scott A. Maglio, Assistant Manager, Regulatory Affairs at (573) 676-8719 for any questions you may have regarding this letter or the attached information. This letter contains no commitments.

Sincerely,



Luke. H. Graessle
Manager, Regulatory Affairs

TBE/nls

Enclosure

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