

March 31, 2006

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop P1-137
Washington, DC 20555-0001

Ladies and Gentlemen:

ULNRC-05270



**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
60-DAY RESPONSE TO NRC GENERIC LETTER 2006-02,
"GRID RELIABILITY AND THE IMPACT ON PLANT RISK AND
THE OPERABILITY OF OFFSITE POWER"**

NRC Generic Letter (GL) 2006-02, "Grid Reliability and the Impact on Plant Risk and the Operability of Offsite Power," dated February 1, 2006 was issued to request information from licensees in four areas:

- (1) Use of protocols between the nuclear power plant (NPP) and the transmission system operator (TSO), independent system operator (ISO), or reliability coordinator/authority (RC/RA) and the use of transmission load flow analysis tools (analysis tools) by TSOs to assist NPPs in monitoring grid conditions to determine the operability of offsite power systems under plant technical specifications (TSs);*
- (2) Use of NPP/TSO protocols and analysis tools by TSOs to assist NPPs in monitoring grid conditions for consideration in maintenance risk assessments;
- (3) Offsite power restoration procedures in accordance with Section 2 of NRC Regulatory Guide (RG) 1.155, "Station Blackout," and
- (4) Losses of offsite power caused by grid failures at a frequency equal to or greater than once in 20 site-years in accordance with RG 1.155.

*The TSO, ISO, or RA/RC is responsible for preserving the reliability of the local transmission system. In GL 2006-02, the term TSO is used to denote any/all of these entities.

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GL 2006-02 requested that within 60 days, licensees submit a response providing information and answers to the questions listed in the GL. AmerenUE's response to the GL for the Callaway plant is provided as the Attachment to this letter.

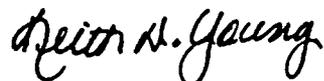
In accordance with the provisions of Section 182a of the Atomic Energy Act of 1954, as amended, and 10 CFR 50.54(f), AmerenUE is submitting this letter under oath and affirmation, as clarified in Regulatory Issue Summary (RIS) 2001-18, "Requirements for Oath or Affirmation." In addition, please be advised that the attached is submitted pursuant to 10 CFR 2.390 such that, due to the nature of the information provided, it is requested that the attached be withheld from public disclosure.

If you have questions regarding this response, please contact D. E. Shafer at 314-554-3104.

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

Sincerely,

Executed on March 31, 2006



Keith D. Young
Manager - Regulatory Affairs

TBE/jdg

Attachment

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