

December 31, 2001

MEMORANDUM TO: File

FROM: Jack N. Donohew, Senior Project Manager, Section 2 /RA/  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

SUBJECT: ADDITIONAL INFORMATION PROVIDED CONCERNING RESPONSE  
TO REQUEST FOR ADDITIONAL INFORMATION (RAI) FOR RISK-  
INFORMED INSERVICE INSPECTION (RI-ISI) APPLICATION DATED  
FEBRUARY 16, 2001, FOR CALLAWAY (TAC NO. MA1205)

Attached is an e-mail dated December 7, 2001. This is related to Union Electric Company's (the licensee's) relief request application dated February 16, 2001 (ULNRC-4392), to have a RI-ISI program at Callaway. The e-mail followed a telecon with the licensee on December 5, 2001.

The information in the e-mail from the licensee clarifies items a, c, and e of the licensee's response to Question No. 6 in the RAI response letter dated October 25, 2001 (ULNRC-4544). The information clarifies the effect of the licensee not taking credit for certain capability, identified by items a, c, and e, in the current probabilistic risk assessment for Callaway.

Docket No. 50-483

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RidsNrrPMJDonohew

RidsNrrLAEPeyton

ADAMS ACCESSION NUMBER: **ML013520472**

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DATE	12/30/2001	12/20/2001	12/31/2001

**OFFICIAL RECORD COPY**

E-MAIL DATED DECEMBER 7, 2001

**From:** "Shafer, David E" <DShafer@ameren.com>  
**To:** "Jack Donohew (E-mail)" <jnd@nrc.gov>  
**Date:** 12/7/01 11:59AM  
**Subject:** RI ISI Telecon Follow-up

Jack, attached is information provided as a follow-up to our telecon discussion on Wednesday, December 5, 2001. let me know if there are any additional questions.

<<MM01341.doc>>

Dave Shafer

Phone 314-554-3104  
Fax 314-554-3558  
Email dshafer@ameren.com

**CC:** "Slaten, Neal G" <NSlaten@ameren.com>, "Walz, Mark D" <MWalz@ameren.com>, "Connelly, Keith G" <KConnelly@ameren.com>, "Montgomery, Benjamin L." <[blmontgomery@cal.ameren.com](mailto:blmontgomery@cal.ameren.com)>

Response to RI-ISI RAI Telecon

Item 6a: The incorporation, into the Callaway PRA model, of the ability to feed the steam generators with fire water would serve to improve the conditional core damage probabilities (CCDPs) of those events where the re-establishment of secondary heat sink is important. Neglecting this potential success path yields conservative (higher) CCDP values in the RI-ISI submittal.

Item 6c: The incorporation, into the Callaway PRA model, of a credit for operator action to initiate RHR pump room cooling during recirculation would serve to improve the CCDPs of those events where ECCS recirculation is important. Neglecting this potential success path yields conservative (higher) CCDP values in the RI-ISI submittal.

Item 6e: The incorporation, into the Callaway PRA model, of a lower operator human error to bypass feedwater isolation (due to the use of bypass switches) would serve to improve the CCDPs of those events where the re-establishment of secondary heat sink is important. Neglecting this enhancement to a success path yields conservative (higher) CCDP values in the RI-ISI submittal.