



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

June 21, 2011

LICENSEE: Union Electric Company  
FACILITY: Callaway Plant, Unit 1  
SUBJECT: SUMMARY OF MAY 26, 2011, CATEGORY 1 MEETING WITH UNION ELECTRIC COMPANY TO DISCUSS A PROPOSED REVISION TO ADOPT THE RISK-INFORMED, PERFORMANCE-BASED FIRE PROTECTION STANDARD NFPA 805 (TAC NO. ME6098)

On May 26, 2011, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with representatives of Union Electric Company (UE), licensee for Callaway Plant, Unit 1. The meeting was held at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was for UE to discuss its plans to transition to risk-informed, performance-based National Fire Protection Association's (NFPA's) standard NFPA 805. A list of meeting attendees is provided in Enclosure 1.

The licensee discussed its desired outcomes, overview of the plant design features, fire protection program overview, probabilistic risk assessment developments, modifications completed and planned, NRC approvals required, and challenges expected in UE's transition process. The licensee's presentation followed the licensee's viewgraphs which are docketed in the Agencywide Documents Access and Management System (ADAMS) under ADAMS Accession No. [ML111530405](#).

The licensee stated that it is working towards a submittal of application for an amendment by June 29, 2011, barring any unforeseen future Commission decisions affecting application submittal schedules. The submittal will closely follow the Nuclear Energy Institutes (NEI's) license amendment request (LAR) template. The licensee does not expect to submit any supplements to the application. The licensee stated that, if any changes occur during the transition, they will be submitted as separate revisions following the NRC's issuance of the amendment.

The licensee stated that it has completed modifications of auxiliary feedwater pump as a diverse backup to the safety-related motor-driven feedwater pump and the turbine-driven feedwater pump, added additional diesel generators of 8 megawatt electric capacity as backup for station blackout, and replaced its carbon steel emergency service water piping with high-density polyethylene piping. The licensee has also replaced sprinklers in cable chases with quick-response type sprinklers.

UE representatives stated that it is replacing its thermo-lag insulation with Darmatt KM1 insulation, and that it plans to continue other planned modifications, independent of the NRC's review of the LAR.

The licensee personnel emphasized that:

- They have not encountered any unique or challenging issues affecting UE's request for amendment;
- They are not aware of any issues requiring enforcement discretion; and
- UE plans to complete the remaining modifications before the NRC issues the proposed amendment.

There were no comments from the public. Meeting feedback forms were offered; however, no completed feedback forms have been received.

If there are any questions, please direct inquiries to me at (301) 415-1476 or [mohan.thadani@nrc.gov](mailto:mohan.thadani@nrc.gov).

Sincerely,

A handwritten signature in cursive script, appearing to read "for Mohan C. Thadani".

Mohan C. Thadani, Senior Project Manager  
Plant Licensing Branch IV  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-483

Enclosure:  
List of Attendees

cc w/encl: Distribution via Listserv

LIST OF MEETING ATTENDEES AND BRIDGE LINE PARTICIPANTS

MAY 26, 2011, PUBLIC MEETING WITH

UNION ELECTRIC COMPANY

<b>NAME</b>	<b>AFFILIATION</b>
James Polickoski	NRR/DORL/LPL4
Mohan Thadani	NRR/DORL/LPL4
Michael Markley	NRR/DORL/LPL4
Alex Klein	NRR/DRA/AFPB
Paul Lain	NRR/DRA/AFPB
Harold Barrett	NRR/DRA/AFPB
Donnie Harrison	NRR/DRA/APLA
Stephen Dinsmore	NRR/DRA/APLA
Samson Lee	NRR/DRA
Ray Gallucci	NRR/DRA/APLA
Neil O'Keefe*	R-IV/DRS/EB2
Roger Wink	Ameren Missouri
Mike Fletcher	Ameren Missouri
Greg Harris	Ameren Missouri
Justin Hiller	Ameren Missouri
Ron Thomas*	Dominion Energy
Craig Sly*	Dominion Energy
Larry Young*	ANO/Entergy
Jessica Walker*	ANO/Entergy
Laurie Potts*	ANO/Entergy
Francy Montire*	First Energy/Beaver Valley
Joshua Bolliger*	Callaway
Mark Schairer*	EPM, Inc.
Francesco Pellizzari*	EPM, Inc.
Tom Jutras	EPM, Inc.
Steve Short*	Pacific Northwest National Laboratory
Bob Layton*	Pacific Northwest National Laboratory
Craig Sly*	Dominion Energy
Jeff Julius	Scientech
Robert Bertucio	Scientech
Thomas Basso	Nuclear Energy Institute

\*Bridge line participant

Enclosure

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- UE plans to complete the remaining modifications before the NRC issues the proposed amendment.

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Sincerely,

/RA by N. Kalyanam for/

Mohan C. Thadani, Senior Project Manager  
Plant Licensing Branch IV  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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**ADAMS Accession Nos. Notice ML111320225, Summary ML111600228; Handouts ML111530405**

OFFICE	NRR/LPL4/PM	NRR/LPL4/LA	NRR/DRA/APLA/BC	NRR/DRA/AFP/BC	NRR/LPL4/BC	NRR/LPL4/PM
NAME	MThadani	JBurkhardt	DHarrison: (SDinsmore for)	AKlein	MMarkley	MThadani (NKalyanam for)
DATE	6/10/11	6/10/11	6/10/11	6/21/11	6/21/11	6/21/11

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