

June 17, 2009

MEMORANDUM TO: George Wilson, Chief
Electrical Engineering Branch
Division of Engineering
Office of Nuclear Reactor Regulation

FROM: Roy Mathew, Team Leader */RA/*
Electrical Engineering Branch
Division of Engineering
Office of Nuclear Reactor Regulation

SUBJECT: MEETING SUMMARY OF MAY 21, 2009 PUBLIC MEETING WITH
NUCLEAR ENERGY INSTITUTE AND ELECTRIC POWER
RESEARCH INSTITUTE

On May 21, 2009, the U.S. Nuclear Regulatory Commission (NRC) held a Category 2 public meeting with the Nuclear Energy Institute (NEI) and Electric Power Research Institute (EPRI) staff to discuss the underground or inaccessible cable failure data in the industry. An attendance list and meeting agenda are included in this summary as Enclosures 1 and 2, respectively. The presentation slides from the meeting can be found in the Agencywide Access and Management System (ADAMS) Accession No.ML091671775.

An introduction of the members of the NRC and industry representatives present was conducted. NRC/NEI provided opening remarks. During the meeting, EPRI and NEI staff discussed the cable failures identified in their database and highlighted various categories of failures by low and medium voltage ratings and compared the failure data with those identified in the summary report dated November 12, 2008, that captured the results of data submitted by the licensees in response to GL 2007-01, "Inaccessible or Underground Power Cable Failures That Disable Accident Mitigation Systems or Cause Plant Transients." The Electrical Engineering Branch (EEEEB) staff clarified that GL 2007-01 responses did not specifically request licensees to provide detailed information regarding the cable failures. Based on the review of licensees' responses, the EEEB staff stated that 269 cable failures have been identified for all 104 reactor units. The staff also stated that the data show an increasing trend of cable failures and these cables are failing within the plants' 40-year license term.

CONTACT: Roy Mathew, NRR/DE/EEEEB
(301) 415-2965

G. Wilson

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The EEEB staff addressed all questions from the participants. The meeting was adjourned at 3:30 p.m. Public Meeting Feedback forms were available, but comments were not received.

Please direct any inquiries to me at 301-415-2965, or Sergiu Basturescu at 301-415-1237.

Enclosures: As stated

The EEEB staff addressed all questions from the participants. The meeting was adjourned at 3:30 p.m. Public Meeting Feedback forms were available, but comments were not received.

Please direct any inquiries to me at 301-415-2965, or Sergiu Basturescu at 301-415-1237.

Enclosures: As stated

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OFFICE	NRR/DE/EEEB	NRR/DE/EEEB
NAME	RMathew	GWilson
DATE	06/ 16 /09	06/17 /09

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**NRC Meeting with Nuclear Energy Institute and Electric Power Research Institute
May 21, 2009
List of Attendees**

NRC STAFF

A. Boland
G. Wilson
R. Mathew
T. Koshy
N. Patel
P. Sahay
S. Basturescu

OTHER

G. Cleifton	Nuclear Energy Institute
G. Toman	Electric Power Research Institute
R. Fost*	Wolf Creek Nuclear Operating Company
M. Hypse*	Palo Verde Nuclear Power Plant
N. Chapman*	Bechtel
A. Hiranardani	Bechtel
D. Raleigh	Curtiss Wright

* participated via phone

**Meeting with Nuclear Energy Institute and Electric Power Research Institute
May 21, 2009
Agenda**

1:00 p.m. – 1:10 p.m. Opening Remarks & Introductions

1.10 p.m. – 2:30 p.m. EPRI and NEI Discussions on Cable Failures

2.30 p.m. – 3:15 p.m NRC Discussions on Cable Failures

3:15 p.m. – Public Comments

3:20 p.m. – Closing Remarks

3:30 p.m. – Adjournment