

March 12, 2009

MEMORANDUM TO: Stacey L. Rosenberg, Chief
Special Projects Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Tanya M. Mensah, Senior Project Manager **/RA/**
Special Project Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE MARCH 3, 2009, CATEGORY 2 PUBLIC
PRE-SUBMITTAL MEETING BETWEEN THE U.S. NUCLEAR
REGULATORY COMMISSION, THE NUCLEAR ENERGY INSTITUTE,
AND THE ELECTRIC POWER RESEARCH INSTITUTE
(TAC NO. ME0617)

On March 3, 2009, a Category 2 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff, the Nuclear Energy Institute (NEI), and the Electric Power Research Institute (EPRI) at NRC headquarters to discuss the following topical reports (TR) prior to submitting them for NRC staff review:

- EPRI Report 1015069, "Use of Motor Control Center (MCC)-Based Motor-Torque Measurements for Periodic Verification of Motor-Operated Valves."
- EPRI Report 103237, "EPRI Motor-Operated Valve Performance Prediction Program, Revision 3.4."

A list of meeting attendees is enclosed and the meeting agenda is contained in the March 3, 2009, public meeting notice available in the Agencywide Documents Access and Management System (ADAMS) as Accession No. ML090410292.

EPRI Report 1015069

The NEI and EPRI opened the meeting by providing a discussion on EPRI Report 1015069. Specifically, they addressed the background/basis for developing the TR, provided an overview of the methodology and its applicability, and described the implementation of the methodology and its validation.

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As shown in the EPRI presentation slides (ADAMS Accession No. ML090650604), EPRI Report 1015069 was developed to provide an optional, non-intrusive testing approach for defining motor-operated valve (MOV) margin based on MCC-based motor torque measurements. The TR development team consists of representatives from Crane Nuclear, MPR Associates, Duke Energy, Tennessee Valley Authority, Exelon, and Southern Nuclear.

During the meeting, the industry representatives discussed how the methodology requires a baseline parallel test and allows for subsequent static testing for MOV verification using MCC motor torque measurements alone. To show the relationship between direct stem thrust measurements and motor torque measurements, as well as uncertainties, the industry representatives provided a detailed discussion of an MOV margin diagram (ADAMS Accession No. ML090650608). The NRC staff members provided feedback on the proposed methodology to the NEI and the EPRI during the meeting.

The NEI stated that they intend to submit this TR to the NRC for review within three to four weeks and would like to request a two year review schedule. Since they believe that this TR will support the NRC's generic regulatory improvement efforts, they also plan to submit a fee waiver request to support a non-fee billable review. A representative from the Office of Chief Financial Officer attended the portion of the meeting that pertained specifically to the proposed fee waiver request. Although this TR was submitted for NRR review (operating reactors), it also is applicable to new reactors. Therefore, NRC staff from the Office of New Reactors plan to support the review of this TR.

EPRI Report 103237

As shown in the EPRI presentation slides (ADAMS Accession No. ML090650615), the industry representatives discussed how this TR provides a validated method for determining the required thrust or torque to stroke gate, globe, and butterfly valves under design basis conditions. The NRC has already reviewed and approved software versions 1.0 to 3.3 in a series of safety evaluations. The changes as captured in Version 3.4, which will be submitted by NEI in approximately 6 weeks, consist primarily of minor code revisions. The EPRI did not make any changes to the methodology. Based on the NEI and EPRI presentation, the NRC staff considered the proposed software changes in Version 3.4 to be minor and to not impact the previously accepted methodology.

Since the changes to the code are minor, the NEI plans to request a one year review of this TR. The NEI also plans to request a fee waiver to support a non-fee billable review on the basis that this TR supports NRC ongoing generic regulatory improvements. A representative from the Office of Chief Financial Officer attended the portion of the meeting that pertained specifically to the proposed fee waiver request.

S. Rosenberg

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The industry handouts are available in ADAMS as Accession Nos. ML090650604, ML090650608, ML090650615, and ML090650625

One member of the public was present. No public meeting feedback forms were provided.

Project Nos.: 669, 689

Enclosure:
List of Attendees

cc w/encl: See next pages

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ADAMS Accession No: ML090680426 (Package); ML090410292 (Notice); ML090650604, ML090650608, ML090650615 , ML090650625 (Handouts); ML090680294 (Summary)

NRC-001

OFFICE	PSPB/PM	PSPB/LA	PSPB/BC	PSPB/PM
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DATE	3/09/09	3/10/09	3/12/09	03/12/09

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List of Meeting Attendees for March 3, 2009	
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Rebecca Erickson	NRC
Michael Farnan	NRC
Jeffrey Gratz	MPR Associates, Inc.
John Hosler	EPRI
Bruce Lin	NRC
Mike Melton	NEI
John McHale	NRC
Tanya Mensah	NRC
Nitin Patel	NRC
Mike Richards	Teledyne
Prem Sahay	NRC
Thomas Tom Scarbrough	NRC
Dave Terao	NRC
Steve Tingen	NRC

ENCLOSURE

Nuclear Energy Institute
Electric Power Research Institute

Project No: 689
Project No: 669

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EPRI Meeting Handout 1
Meeting Summary of the 03/03/09 Meeting with NRC/NEI/EPRI
Dated March 12, 2009

EPRI Meeting Handout 2
Meeting Summary of the 03/03/09 Meeting with NRC/NEI/EPRI
Dated March 12, 2009

EPRI Meeting Handout 3
Meeting Summary of the 03/03/09 Meeting with NRC/NEI/EPRI
Dated March 12, 2009

EPRI Meeting Handout 4
Meeting Summary of the 03/03/09 Meeting with NRC/NEI/EPRI
Dated March 12, 2009