

November 6, 2003

MEMORANDUM TO: Cathy Haney, Program Director  
Policy and Rulemaking Program  
Division of Regulatory Improvement Programs, NRR

FROM: Peter C. Wen, Project Manager */RA/*  
Policy and Rulemaking Program  
Division of Regulatory Improvement Programs, NRR

SUBJECT: SUMMARY OF OCTOBER 23, 2003, MEETING WITH NUCLEAR  
ENERGY INSTITUTE (NEI) ON REACTOR VESSEL INTERNALS

On October 23, 2003, the Nuclear Regulatory Commission (NRC) staff held a public meeting with representatives of the Nuclear Energy Institute (NEI) and the Electric Power Research Institute (EPRI). The purpose of the meeting was to discuss work being managed by EPRI's Material Reliability Program (MRP) Reactor Internals (RI) Issues Task Group (ITG). The meeting attendees are listed in Attachment 1. Viewgraphs presented at the meeting are in Attachment 2 (ADAMS Accession Number ML033080166).

During the meeting, RI-ITG representatives provided the program description, status of activities, and recent hot cell test results. The goal of the RI-ITG is to establish aging management programs that will assure reactor vessel internals integrity through plant life, including 60+ years of operation. The group serves as an industry focal point for resolution of issues related to PWR reactor internals material degradation, performs research to identify aging mechanisms and their affects on reactor internals, and provides a focal point to support communication with the agency. Presentations were made by Jeff Gilreath (Duke Energy), H.T. Tang (EPRI), and Rege Shogan (Westinghouse), sharing some details of program results-to-date. The staff complimented the progress that had been made by the task group. The staff also encouraged continuing engagement of the agency in the research results obtained by the RI-ITG as well as the inspection/evaluation recommendations that result from this research. All participants agreed that it was important to continue regular meetings of the RI-ITG with the agency. Industry representatives indicated that formal submittal of research results and inspection/evaluation guidance for NRC staff review and comment was a possibility, and Jim Riley (NEI) offered to discuss this further with the staff. The staff emphasized that many licensees are relying on this program to satisfy commitments they made to the agency as part of the license renewal process.

Having completed discussion of the agenda items, the meeting was adjourned.

Project No. 689  
Attachments: As stated  
cc: w/atts: See list

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**List of Attendees for October 23, 2003**  
**Material Reliability Program on Reactor Pressure Vessel Internals**

<b>NAME</b>	<b>ORGANIZATION</b>
Jim Riley	NEI
H. T. Tang	EPRI
Jeff Gilreath	Duke Power
Stephanie Coffin	NRC/NRR/EMCB
Matthew Mitchell	NRC/NRR/EMCB
Keith Wichman	NRC/NRR/EMCB
Edward Andruszkiewicz	NRC/NRR/EMCB
Barry Elliott	NRC/NRR/EMCB
Andrea Lee	NRC/NRR/EMCB
Simon Sheng	NRC/NRR/EMCB
Ganesh Cheruvenki	NRC/NRR/EMCB
Neil Ray	NRC/RES/MEB
Allen Hiser	NRC/RES/MEB
Bill Cullen	NRC/RES/MEB
Carol Moyer	NRC/RES/MEB
Todd Matz	NRC/RES/MEB
Aladar Csontos	NRC/NMSS/HLWB
Deann Raleigh	LIS SCIENTECH
Robert Phillips	Tennessee Valley Authority
James Bennetch	DominionGeneration
Michael Guthrie	Progress Energy
Jeffrey Poehler	Constellation Nuclear Services
Regis Shogan	Westinghouse Electric

cc: Via email (Use MS Word if available)

Jim Riley, NEI  
jhr@nei.org

H. T. Tang, EPRI  
HTANG@epri.com

Jeff Gilreath, Duke Energy  
jdgilreath@duke-energy.com

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**Distribution:** Mtg w/NEI MRP&EPRI on RX Pressure Vessel Internals issues 10/23/03  
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