

June 16, 2003

MEMORANDUM TO: Stephen Dembek, Chief, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Brian Benney, Project Manager, Section 2 /RA/
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF PUBLIC MEETING HELD MAY 28, 2003, WITH
ELECTRIC POWER RESEARCH INSTITUTE (EPRI) (TAC NO. MB3694)

On May 28, 2003, a representative of EPRI met with the NRC staff to present new developments in the Materials Reliability Program. Representatives from industry also attended the meeting.

EPRI gave a historic overview of piping failures due to cyclic thermal fatigue. The meeting continued with a description of EPRI's proactive approach to the management of thermal fatigue, including an online database of industry experience and its training program for plant personnel. EPRI described models and test platforms used to develop mathematical models to describe swirl flow and oscillations in branch piping. Finally, EPRI discussed future tests and models under development.

EPRI presented the information to the NRC staff and intends to submit more findings in the future. At the end of the meeting the NRC staff expressed its appreciation to EPRI for the presentation.

An attendance list is provided in the attachment. The slides used during the meeting are available in ADAMS under accession number ML031490729.

Project No. 669

Attachment: Meeting Attendees

cc w/att: See next page

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MEETING ATTENDEES

MEETING WITH ELECTRIC POWER RESEARCH INSTITUTE

MAY 28, 2003

EPRI

Stan Rosinski

OTHER

Jeff Keller (Continuum Dynamics Inc.)
Alan Bilanin (Continuum Dynamics Inc.)
Jim Riley (NEI)
J.M. Davis (Duke Energy)
Art Deardorff (Structural Integrity)
Mike Robinson (Duke Power)
Deann Raleigh (Scientech)

NRC

Brian Benney
Mark Hartzman
John Fair
Simon Sheng
Pei-Ying Chen
John Wu
Gene Imbro
Kamal Manoly
Stephanie Coffin
Bill Cullen
Makuteswara Srinivasan

Electric Power Research Institute

Project No. 669

cc:

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Mr. Gary Vine
Sr. Washington Representative
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