

June 27, 2007

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 Projects Branch
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Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE MAY 8, 2007, CATEGORY 2 PUBLIC MEETING
RE: IMPLICATIONS OF WOLF CREEK DISSIMILAR METAL WELD
INSPECTIONS (TAC NO. MD0694)

On May 8, 2007, a Category 2 public meeting was held between the U. S. Nuclear Regulatory Commission (NRC) staff and industry representatives at the Bethesda North Marriot Hotel and Conference Center in North Bethesda, MD. A list of attendees is enclosed. The purpose of this meeting was for the industry representatives to present a matrix of potential modeling cases for the Phase II sensitivity, benchmarking, and validation calculations in their Advanced Finite Element Fracture Mechanics Analyses.

The May 8, 2007, meeting was one of a series of public meetings related to the Wolf Creek pressurizer nozzle weld flaws found in October 2006. Other public meetings to discuss this topic were held on November 16, 2006 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML063320131), November 30, 2006 (ADAMS Accession No. ML063560371), December 20, 2006 (ADAMS Accession No. ML070330381), March 7, 2007 (ADAMS Accession No. ML070740752), and May 1, 2007 (ADAMS Accession No. ML071360367).

The NRC staff opened the meeting by providing a status of the analysis program and an outline of the presentations to follow. The NRC staff made a presentation that provided the results of efforts to date to benchmark and verify the industry's analysis software. The NRC staff analyses provide reasonably similar results to the industry's analyses. The NRC staff also discussed plans for further software benchmarking and verification efforts. A more detailed summary of the NRC staff's presentation is provided in its presentation slides (ADAMS Accession Nos. ML071350651 and ML071350648).

The industry representatives made a presentation discussing proposed resolution of issues raised in the letter from NRC to NEI dated April 4, 2007 (ADAMS Accession No. ML070940186), on analysis methods. This discussion was concluded with agreements to review additional material and continue discussions at a future meeting. Industry

representatives also presented material on weld residual stress validation efforts, a concept for the analysis matrix and sensitivity cases, and leak rate calculations. At the conclusion of the meeting, participants discussed plans for future meetings. The industry representative's presentations are provided in its presentation slides (ADAMS Accession Nos. ML071350646 and ML071350653).

Members of the public were in attendance. No public meeting feedback forms were received.

Project Nos. 669 and 689

Enclosure: List of Attendees

cc w/encl: See next page

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ADAMS Package Accession No. ML071580239

Meeting Notice Accession No. ML071060285

Meeting Handout Accession Nos. ML071350651, ML071350648, ML071350646, ML071350653

Meeting Summary Accession No. ML071570520 NRC-001

OFFICE	PSPB/PM	PSPB/LA	DCI	DCI/BC	PSPB/BC
NAME	TMensah	DBaxley	TSullivan	JTsao for TChan	MHoncharik for SRosenberg
DATE	6/11/07	6/8/07	6/26 /07	6/26 /07	6/ 27 /07

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List of Attendees for May 8, 2007	
Name	Organization
Ted Anderson	Quest Reliability
Warren Bamford	Westinghouse
John Broussand	Dominion Engineering
Jean Collin	Dominion Engineering
Aladar Csontos	NRC
Guy DeBoo	Exelon
Tim Gilman	Structural Integrity
Mauricio Gutierrez	NRC
Bob Hardies	NRC
Craig Harrington	Electric Power Research Institute (EPRI)
Daniel Horner	McGraw-Hill
Russ Lieder	FPL Energy, Seabrook
Tim Lupold	NRC
Shah Malik	NRC
Mike Melton	NEI
Pete Riccaroella	Structural Integrity
Jim Riley	Nuclear Energy Institute (NEI)
David Rudland	NRC (Contractor)
Simon Sheng	NRC
David A. Steininger	EPRI
Edmund Sullivan	NRC
Greg Thorwald	Quest Reliability
Glenn White	Dominion Engineering, Inc.
Ken Yoon	AREVA NP

ENCLOSURE

Nuclear Energy Institute
Electric Power Research Institute

Project No. 689
Project No. 669

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