

December 5, 2006

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
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF NOVEMBER 16, 2006, MEETING WITH THE NUCLEAR
ENERGY INSTITUTE (NEI) RE: IMPLICATIONS OF DISSIMILAR
METAL WELD INSPECTION RESULTS AT WOLF CREEK
(TAC NO. MD0694)

On November 16, 2006, a Category 2 public workshop was held between the U.S. Nuclear Regulatory Commission (NRC) staff and industry representatives at NRC headquarters in One White Flint North, 11555 Rockville Pike, Rockville, MD. A list of attendees is enclosed. The purpose of this meeting was to discuss actions taken to understand the implications for other pressurized water reactors of recent dissimilar metal weld inspection results at Wolf Creek Generating Station (Wolf Creek). Specifically, the meeting focused on understanding the impact these results would have on the butt weld inspection schedules contained in the industry initiative MRP-139, "Materials Reliability Program: Primary System Piping Butt Weld Inspection and Evaluation Guidelines" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML052150196).

Mr. Jack Grobe, Associate Director for Engineering and Safety Systems, opened the meeting by discussing the NRC staff's interest in using the inspection results as an opportunity to understand and address near and long-term uncertainties associated with the inspection results. Mr. Grobe emphasized the need for the NRC staff to obtain additional data from industry to develop a common set of assumptions to analyze and interpret the inspection data. Industry representatives acknowledged Mr. Grobe's points as a mutual concern, emphasized the significance of finding the Wolf Creek indications, and shared its plans to understand the impact on the inspection schedules contained in MRP-139.

During the meeting, industry provided a brief overview of MRP-139 and discussed recent industry activities to incorporate the Wolf Creek operating experience. The Wolf Creek representative, Mr. Terry Garrett, Vice President Engineering, provided a discussion of the Wolf Creek dissimilar metal welds inspected, the inspection results, and the corrective actions taken. The industry presentation slides contain more details and are available at ADAMS Accession No. ML063210080.

The NRC staff provided a discussion on its interest in the Wolf Creek inspections results, particularly because the flaws discovered were circumferential, the reported lengths were longer than reported for previous operating experience, and there were multiple circumferential

flaws in a single weld. The NRC staff identified the need for additional data to identify potential safety concerns with the Wolf Creek inspection results and emphasized the need to identify a common set of assumptions with industry to support a more detailed analysis of the potential behavior of such flaws if they were to occur in other plants. The NRC staff presentation slides contain more details and are available at ADAMS Accession No. ML063210077.

Industry representatives provided a brief discussion of further studies industry may undertake to better understand the significance of the Wolf Creek inspection results.

To support more detailed exchanges of information with industry, the NRC staff has scheduled a working-level meeting on November 30 and December 1, 2006, with industry to discuss the analysis and assumptions in more detail. The public meeting notice for this meeting is accessible at ADAMS Accession No. ML063250065. The industry representative and NRC staff agreed to the need for a follow on meeting in mid-December.

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

Project No. 669 and 689

Enclosure: List of Attendees

cc w/encl: See next page

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ADAMS Package Number: ML063320502

Meeting Notice Accession Number: ML063110390

Meeting Handout Accession Numbers: ML063210072, ML063210077, ML063210080

Meeting Summary Accession Number: ML063320131 NRC-001

OFFICE	PSPB/PM	PSPB/LA	DCI/CPNB	PSPB/BC
NAME	TMensah	DBaxley	TChan	JHopkins for SRosenberg
DATE	12/1/06	12/1/06	12/4/06	12/5/06

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List of Attendees for November 16, 2006

* Participated via teleconference

Name	Organization
*John Arhar	Diablo Canyon
Tom Alley	Duke-Energy
Warren Banford	Westinghouse
Bill Bateman	NRC
*Charles Bower	Diablo Canyon
Scott Boggs	Florida Power & Light (FPL)
Charles Brinkman	Westinghouse
*Al Butcavage	Ginna
*Mike Canny	Ginna
*Brendan Casey	Braidwood
Terrence Chan	NRC
*David Chrzanowski	Exelon
Jim Cirilli	Public Service Enterprise Group (PSEG)
*Steve Collard	FPL
Aladar Csontos	NRC
*Anne Demma	EPRI
*Joe Donahue	Progress Energy
*Paul Donavin	DC Cook
Jack Donohew	NRC
*William A. Eaton	Entergy
Michele Evans	NRC
Terry Garrett	Wolf Creek Nuclear Operating Corp (WCNOC)
Greg Gerzen	Exelon
*Rudy Gill	FPL
*Jamie GoBell	Entergy (ANO-1)
*Matthew Griffiths	Exelon
Jack Grobe	NRC
Kim Gruss	NRC
Bob Hardies	NRC
Daniel Horner	McGraw-Hill
Tom Jordan	South Texas Project Nuclear Operating Company (STPNOC)/MTAG

ENCLOSURE

Brian Kemp	Nuclear Management Company (NMC)
Christine King	EPRI
*Scott Koernsehild	Exelon
*Phil Kohn	DC Cook
*Ken Kovar	Exelon
*Carl Lane	DC Cook
*Bob Lisowyj	Fort Calhoun Station
Tim Lupold	NRC
Alex Marion	NEI
*Dick Mattson	Structural Integrity Associates, Inc.
*Bob McBride	Exelon
*Mike McDevitt	San Onofre
*Mike Melton & others	Palo Verde
Tanya M. Mensah	NRC
Terry McAlister	South Caroline, Electric & Gas (SCE&G)
Rick Mullins	Southern Co.
*Matthew Panicker	Fort Calhoun Station
*Rodney Pickard	DC Cook
*William J. Pierce	Tennessee Valley Authority
*Jim Powers	FirstEnergy
Pete Riccardella	Structural Integrity
*Ron Richards	Braidwood
Mark Richter	Constellation Energy
Jim Riley	NEI
*Mike Sears	Braidwood
William Sims	Entergy
*David Steininger	EPRI
Dan Stepanovic	Ameren UE
*Sue Simpson	DC Cook
Edmund Sullivan	NRC
Arthur Turner	WCNOC
Robert Waselus	SCE&G
Dennis Weakland	FENOC
Andrea Valentin	NRC
Ken Yoon	AREVA

Nuclear Energy Institute
Electric Power Research Institute

Project No. 689
Project No. 669

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