

July 27, 2006

MEMORANDUM TO: Christopher P. Jackson, Chief
Generic Communications and Power Uprate Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Joseph A. Golla, Project Manager */RA/*
Generic Communications and Power Uprate Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE JULY 12, 2006, PUBLIC MEETING WITH NEI TO
DISCUSS THE STATUS OF OUTSTANDING TECHNICAL ISSUES
RELATED TO STEAM GENERATORS

On July 12, 2006, Nuclear Regulatory Commission (NRC) staff met with representatives of Nuclear Energy Institute (NEI), and other industry representatives, in a public meeting at NRC headquarters in Rockville, Maryland. The enclosure provides a list of those in attendance at the meeting and an additional industry representative who participated via teleconference. Information presented by industry at the meeting is available in the NRC Agencywide Documents Access and Management System (ADAMS) under Accession Number ML062010073.

The purpose of this meeting was for industry to provide NRC with an update of significant industry projects, to review tasks on a previous technical task list maintained by the NEI Steam Generator Task Force (SGTF), and to discuss a possible protocol for discussing and resolving technical and regulatory industry issues identified subsequent to the development of the Generic License Change Package.

At the meeting, the industry briefed the staff on seven topics. Agenda topics presented by the industry were as follows: Accident Induced Leakage Performance Criteria (AILPC) Bending Load Study Update, Tools for Steam Generator (SG) Integrity, Recent Industry Guidance, SG Examination Guideline, Integrity Assessment Guideline, Secondary Side Maintenance, Electric Power Research Institute (EPRI) Technical Issue Tracking.

The AILPC bending load study was performed to determine the effects of non-pressure loads on the leakage rate of flaws. The study found that this is not a safety issue since the location where the non-pressure loads are significant enough to effect the leakage rate do not occur at the same location where flaws that could be affected by these loads occur. Guidance is under development discussing the results of the study including a discussion of when non-pressure loads may affect the leakage from a flaw. See the briefing material presented at the meeting (ADAMS Accession Number ML062010073) for information pertinent to the AILPC bending load study.

The Steam Generator Tools for Integrity Assessment Project is a joint effort between the non-destructive examination and engineering communities to improve the reporting of performance indices for available eddy current systems. This effort has resulted in many accomplishments. See the briefing material presented at the meeting (ADAMS Accession Number ML062010073) for a listing of efforts, accomplishments, and future work planned.

Regarding industry guidance, a listing of guidance documents was presented and discussed. It was stated by the industry representative presenting this material that active interim guidance will be incorporated into current guideline documents that are being revised. For a listing of these documents see the briefing material presented at the meeting (ADAMS Accession Number ML062010073). The industry representative also discussed information letters that are available that are pertinent to steam generator operational experience.

The Steam Generator Examination Guideline document is being revised. Revision 7 work began in January 2005. The final draft is expected to be issued by the end of July 2006. See the briefing material presented at the meeting (ADAMS Accession Number ML062010073) for specifics concerning what is being revised.

The Integrity Assessment Guidelines are being revised. The new version will be Revision 2. The objectives of the guideline revision are to support implementation of NEI 97-06, "Steam Generator Program Guidelines," Revision 2, to provide utilities a recommended methodology for performing integrity assessments, and to address NRC and industry comments. Within the revision, a new section on secondary side maintenance has been drafted. See the briefing material presented at the meeting (ADAMS Accession Number ML062010073) for details on Revision 2 of the Integrity Assessment Guidelines.

The Technical Issue Tracking program was discussed. The NEI SGTF has maintained a Technical Issue Tracking List since 2000. The list contains 94 items. At the meeting NRC representatives introduced eleven new issues and provided input for consideration by industry. These issues were discussed in detail at the meeting and are presented in the meeting briefing material (see ADAMS Accession Number ML062010073).

There were no comments from members of the public and the meeting was adjourned.

Project No. 689

Enclosure:
As stated

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ADAMS ACCESSION NUMBER: ML062020308

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DATE	07 /25/2006	07/25/2006	07/25/2006	07/27/2006

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List of Attendees for July 12, 2006,
Meeting of NEI, Industry, and NRC

NAME	ORGANIZATION
Jim Begley	AREVA
Mohamad Behravesch	EPRI
Gary Boyers	FPL
Nancy Chapman (via telecon)	Bechtel
Russell Cipolla	APTECH
Helen Cothron	TVA
David Crawley	Southern Nuclear
Bill Cullen	Westinghouse
Yamir Diaz	NRC
Ed Fuller	EPRI
Joe Golla	NRC
Jack Grobe	NRC
Allen Hiser	NRC
Forrest Hundley	SNC
Curt Ingram	Entergy
Ken Karwoski	NRC
Greg Makar	NRC
Joe Mathew	OPPD
Dan Mayer	Duke Energy
Todd Mintz	NRC
Emmett Murphy	NRC
Aloysius Obodoako	NRC
Kris Parczewski	NRC
Wolf Reinhardt	Babcock & Wilcox Canada
Jim Riley	NEI
Scott Redner	NMC
Kevin Sweeney	APS
Andrea Valentin	NRC

Enclosure