

September 22, 2005

MEMORANDUM TO: Eileen McKenna, Acting Program Director
Reactor Policy and Rulemaking Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

FROM: David T. Diec, Project Manager */RA/*
Reactor Policy and Rulemaking Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF AUGUST 12, 2005 MEETING WITH NUCLEAR ENERGY
INSTITUTE TO DISCUSS INDUSTRY ACTION AND STATUS ON
EFFECTS OF NON-PRESSURE RELATED LOADS ON ACCIDENT
INDUCED LEAKAGE ASSOCIATED WITH STEAM GENERATOR
TUBES

On August 12, 2005, Nuclear Regulatory Commission (NRC) staff met with representatives of the Nuclear Energy Institute and industry in a public category 2 meeting at NRC headquarters in Rockville, Maryland. A list of meeting attendees is in Attachment 1 of this memorandum and slides used for the presentation at this meeting are in Attachment 2 - Presentation slides (ADAMS - ML052380115).

At the meeting, the industry presented a summary of the Steam Generator Management Program's (SGMP) scoping study on the effect of non-pressure loads (e.g., bending) on SG tube primary-to-secondary leakage during postulated accident conditions.

In addition to the routinely considered axial loads (i.e., a non-pressure load), when performing SG tube integrity assessments, the industry's scoping study is now focused on bending loads. The industry stated that circumferential flaws are the only flaws affected by bending loads. In addition, the industry stated that circumferential flaws whose leak rate may be significantly affected by bending loads have not been observed in areas where the bending loads are high. As a result, the industry concluded that this issue is not a significant safety issue. The industry will conduct confirmatory test to validate the results of their scoping study and to provide a basis for extending the presently documented leakage assessment methodology to incorporate the effects of non-pressure loads, including bending.

The industry also discussed the status of licensee's plan to adopt the revised steam generator Generic License Change Package (GLCP), and a planned revision to NEI 97-06, "Steam Generator Program Guidelines."

The industry indicated that some plants may elect to identify this issue in proposals to adopt Technical Specification Task Force traveler #449 (TSTF- 449), which revises the steam generator tube surveillance requirements. The staff agrees that this issue is not safety significant at this time. The staff also recognizes that industry guidelines may need to be amended as a result of the overall industry's effort to address this issue. Also, this technical issue should not impede the industry's plan to implement TSTF- 449.

NEI also discussed industry's schedule for implementing NEI 97-06 program for new steam generator technical specifications.

After responding to public questions and comments, the staff adjourned the meeting.

Project No. 689

Attachments:

- (1) List of meeting attendees
- (2) Presentation slides

cc: J. Riley, NEI

List of Attendees for August 12, 2005 Meeting

<u>NAME</u>	<u>ORGANIZATION</u>
Louise Lund	NRC/NRR/EMCB
Emmett Murphy	NRC/NRR/EMCB
Ken Karwoski	NRC/NRR/EMCB
David Diec	NRC/NRR/RPRP
Edward L. Fuller	EPRI
Dan Meatheany	Entergy
Dean Raleigh	US Scientech
Hane Hay	Bechtel Power
Bill Moore	S. Nuclear Operating Company
David Crawley	S. Nuclear Operating Company
Jim Riley	NEI
Richard Coe	S. Cal Edison
Brian Mervak	Southern Carolina E&G
Robert Cullen	Entergy
Gary Boyers	FPL
Jim Begley	AREVA
Steve Dolley	McGraw Hill
John Arhar	Pacific Gas & Electric
Joe Mathew	OPPD
Robert O'Quinn	Entergy (Waterford 3)
Forrest HunDijey	Southern Nuclear Company
Kevin Sweeney	APSC

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Package Accession Number: ML052570039

Attachment 2 Accession Number: ML052380115

Accession Number: ML052440436

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