

October 14, 2005

MEMORANDUM TO: Daniel S. Collins, Acting Chief, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: David H. Jaffe, Senior Project Manager, Section 1/**RA**/
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING MEETING WITH THE ELECTRIC POWER
RESEARCH INSTITUTE (EPRI), FUEL VENDORS, AND OTHERS

DATE & TIME: Wednesday, November 2, 2005
9:00 a.m. - 4:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike, Room O-14B8
Rockville, Maryland 20852

PURPOSE: To discuss the draft responses provided to NRR regarding concerns with the Reactivity-Initiated Accident Topical Report (EPRI 1002865). The focus will be on key areas of concern and the next steps. In addition, there will be a discussion of the Industry Guide (IG) for Burnup Extension (EPRI 1008108). The focus will be on the role of the IG with respect to vendor-specific topical reports, proposed approach to source-term concerns, approach and schedule for addressing remaining NRR concerns, and the next steps.

CATEGORY:* This is a category 2 meeting. The public is invited to participate in this meeting by discussing regulatory issues with the NRC at designated points identified on the agenda. Certain portions of this meeting will be closed to the public because the staff has determined that the information is proprietary in nature.

* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings," (67 FR 36920) May 28, 2002

PARTICIPANTS:

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J. Holm (Framatome)
G. Potts (GNF)
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M. Nissley (Westinghouse)
R. Schoff (Westinghouse)

OTHER ORGANIZATIONS

N. Waeckel (EDF)
R. Tsai (Exelon)
R. Harris (NMC)
A. Alapour (SNOC)
W. Choe (TXU)
R. Montgomery (Anatech)
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G. Clefton (NEI)

Project No. 669

Attachment: Agenda (ADAMS Accession No. ML052790574)

cc w/att: See next page

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AGENDA FOR OCTOBER 25, 2005, MEETING

WITH EPRI, FUEL VENDORS, AND OTHERS

- Introduction
- Discussion of the following:
 - The draft responses to the NRC staff's concerns regarding the Reactivity-Initiated Accidents TR.
 - The evolution of the fuel pellet structure with burnup including the characterization of the rim region and the overall pellet structure.
 - The radiological source term including degradation of the fuel pellet structure with burnup and how the development of a high burnup rim region will affect the radiological source term.
 - The industry's responsibility to characterize and quantify the fission gas release resulting from normal steady-state operation, power ramps/maneuvers, anticipated operational occurrences and accident scenarios.
 - Short-term storage (i.e., spent fuel pool, dry-cask), transportation, and long-term disposal will be discussed.
 - Address how, from a process perspective, vendors would successfully deviate from the established guidelines and how the technical report (TR) should define a process for amending the information in the TR, if needed (i.e., to integrate new testing information or new operating experience).
 - Address the responsibility of the industry to obtain loss-of-coolant accident testing data to validate their clad materials' performance at high burnup.
- Public Comment
- Adjourn