

July 28, 2006

MEMORANDUM TO: Joseph Colaccino, Acting Branch Chief
ESBWR/ABWR Project Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Lauren Quiñones, Project Manager */RA/*
ESBWR/ABWR Project Branch
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING MEETING WITH GENERAL ELECTRIC (GE)
REGARDING FISSION PRODUCT REMOVAL

DATE & TIME: August 8-9, 2006
8:30 a.m. to 4:00 p.m.
8:30 a.m. to 2:30 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
August 8 - O-3B4
August 9 - O-7B4
One White Flint North,
11555 Rockville Pike
Rockville, Maryland 20852

PURPOSE: GE and the NRC staff will discuss the draft proprietary topical report NEDE-332779P, "Fission Product Removal Evaluation Model," submitted by General Electric (GE) on July 12, 2006, in support of the ESBWR design certification review.

CATEGORY 1: * This is a Category 1 meeting. The public is invited to observe this meeting and will have one or more opportunities to communicate with the NRC after the business portion, but before the meeting is adjourned.

Certain portions of this meeting will be closed to the public because the staff has determined that the information is proprietary in nature. The NRC has performed a review of the meeting topic and has concluded that the information to be discussed is proprietary.

PARTICIPANTS: Participants from the NRC include members from the Office of Nuclear Reactor Regulation (NRR).

NRC

A. Cabbage, NRR
M. Kotzales, NRR
J. Lee, NRR
R. Gauntt
L. Quinones, et al.

APPLICANT

W. Marquino
Chris Pratt
Erik Kirstein, et al.

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

Docket No. 52-010

Enclosure: Agenda

cc: See next page

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ESBWR

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Agenda for Public Meeting Regarding
TRACG Application for ESBWR
August 8-9, 2006

- I. Introduction
- II. Licensing Requirements
 - 10 CFR 50, Appendix A, General Design Criterion 19
 - 10 CFR 50.67
 - Standard Review Plan Guidelines (NUREG-0800)
 - Regulatory Guide 1.183
 - Regulatory Treatment of Non-Safety Systems
- III. Analytical Techniques and Computer Codes - **Proprietary**
 - MELCOR
 - TRACG
 - RADTRAD
- IV. Source Terms and Removal Mechanisms - **Proprietary**
 - Source Term Assumptions
 - Iodine Chemical For Distribution
 - Pool pH Evaluation
 - Release Timing
 - PCCS as a Fission Product Removal Mechanism
 - Initial PCCS Testing for the SBWR
 - MELCOR Modeling: Heat and Mass Transfer
 - MELCOR Modeling: Particle deposition
 - Containment Plateout
 - Elemental Iodine Plateout
 - Aerosol Iodine
 - Main Steam Isolation Valve Leakage
 - Containment and Reactor Building Leakage Paths
- VIII. Adjourn