

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

APPLICANT

W. Marquino  
Chris Pratt  
Erik Kirstein, et al.

CONTACTS: Lauren Quiñones, NRR  
301-415-2007, [LNQ@nrc.gov](mailto:LNQ@nrc.gov)

Amy Cubbage, NRR  
301-415-2875, [AEC@nrc.gov](mailto:AEC@nrc.gov)

\*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

NRC

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301-415-2007, [LNQ@nrc.gov](mailto:LNQ@nrc.gov)

Amy Cubbage, NRR  
301-415-2875, [AEC@nrc.gov](mailto:AEC@nrc.gov)

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Enclosure: Agenda

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| OFFICE | NESB/PM       | NESB/BC    |
| NAME   | LQuiñones:jph | JColaccino |
| DATE   | 7/28/06       | 7/ 28/06   |

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Distribution for August 8-9, 2006, Meeting Notice dated: July 28, 2006  
ESBWR

cc list:

Mr. David H. Hinds, Manager  
ESBWR  
P.O. Box 780, M/C L60  
Wilmington, NC 28402-0780

Mr. George B. Stramback  
Manager, Regulatory Services  
GE Nuclear Energy  
1989 Little Orchard Street, M/C 747  
San Jose, CA 95125

Mr. David Lochbaum, Nuclear Safety  
Engineer  
Union of Concerned Scientists  
1707 H Street, NW., Suite 600  
Washington, DC 20006-3919

Mr. Paul Gunter  
Nuclear Information & Resource Service  
1424 16th Street, NW, Suite 404  
Washington, DC 20036

Mr. James Riccio  
Greenpeace  
702 H Street, Suite 300  
Washington, DC 20001

Mr. Adrian Heymer  
Nuclear Energy Institute  
Suite 400  
1776 I Street, NW  
Washington, DC 20006-3708

Mr. Paul Leventhal  
Nuclear Control Institute  
1000 Connecticut Avenue, NW  
Suite 410  
Washington, DC 20036

Mr. Ron Simard  
6170 Masters Club Drive  
Suwanne, GA 30024

Mr. Brendan Hoffman  
Research Associate on Nuclear Energy  
and Environmental Program  
215 Pennsylvania Avenue, SE  
Washington, DC 20003

Mr. Jay M. Gutierrez  
Morgan, Lewis & Bockius, LLP  
1111 Pennsylvania Avenue, NW  
Washington, DC 20004

Mr. Glenn H. Archinoff  
AECL Technologies  
481 North Frederick Avenue  
Suite 405  
Gaithersburg, MD. 20877

Mr. Gary Wright, Director  
Division of Nuclear Facility Safety  
Illinois Emergency Management Agency  
1035 Outer Park Drive  
Springfield, IL 62704

Mr. Charles Brinkman  
Westinghouse Electric Co.  
Washington Operations  
12300 Twinbrook Pkwy., Suite 330  
Rockville, MD 20852

Mr. Ronald P. Vijuk  
Manager of Passive Plant Engineering  
AP1000 Project  
Westinghouse Electric Company  
P. O. Box 355  
Pittsburgh, PA 15230-0355

Mr. Ed Wallace, General Manager  
Projects  
PBMR Pty LTD  
PO Box 9396  
Centurion 0046  
Republic of South Africa

Mr. Russell Bell  
Nuclear Energy Institute  
Suite 400  
1776 I Street, NW  
Washington, DC 20006-3708

Ms. Sandra Sloan  
Areva NP, Inc.  
3315 Old Forest Road  
P.O. Box 10935  
Lynchburg, VA 24506-0935

Mr. Robert E. Sweeney  
IBEX ESI

4641 Montgomery Avenue  
Suite 350  
Bethesda, MD 20814

Mr. Eugene S. Grecheck  
Vice President, Nuclear Support Services  
Dominion Energy, Inc.  
5000 Dominion Blvd.  
Glen Allen, VA 23060

Mr. George A. Zinke  
Manager, Project Management  
Nuclear Business Development  
Entergy Nuclear, M-ECH-683  
1340 Echelon Parkway  
Jackson, MS 39213

External E-Mail:

tom.miller@hq.doe.gov or  
tom.miller@nuclear.energy.gov  
sfrantz@morganlewis.com  
ksutton@morganlewis.com  
jgutierrez@morganlewis.com  
mwetterhahn@winston.com  
whorin@winston.com  
gcesare@enercon.com  
gerald.holm@framatome-anp.com  
erg-xl@cox.net  
joseph\_hegner@dom.com  
mark.beaumont@wsms.com  
steven.hucik@ge.com  
patriciaL.campbell@ge.com  
bob.brown@ge.com  
david.hinds@ge.com  
chris.maslak@ge.com  
james1beard@ge.com  
louis.quintana@gene.ge.com  
wayne.massie@ge.com  
kathy.sedney@ge.com  
mgiles@entergy.com  
tansel.selekler@nuclear.energy.gov or  
tansel.seleklier@hq.doe.gov  
george.stramback@gene.ge.com

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