

October 5, 2006

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

FROM: Martha C. Barillas, Project Manager */RA/*  
ESBWR/ABWR Projects Branch  
Division of New Reactor Licensing  
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING CLOSED MEETING WITH GENERAL ELECTRIC  
COMPANY REGARDING ESBWR NUCLEAR FUEL DESIGN AND  
RELATED PROPRIETARY TOPICAL REPORTS

DATE & TIME: October 16-19, 2006  
8:00 a.m.- 5:00 p.m.

LOCATION: General Electric Company  
3901 Castle Hayne Road  
Wilmington, North Carolina 28402

PURPOSE: To discuss proprietary material related to detailed ESBWR fuel design,  
proprietary codes, related proprietary Topical Reports and NRC Requests  
for Additional Information (RAIs) containing proprietary information  
related to the ESBWR DCD Tier 2, Revision 1, Chapter 4.

In a letter dated October 2, 2006, General Electric requested that this  
meeting be closed to public attendance because the topics of discussion  
are proprietary. The NRC staff reviewed the meeting topics and  
concluded that the information to be discussed is proprietary. The entire  
meeting will be closed to the public. The NRC plans to issue a meeting  
summary.

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

NRC  
M. Barillas, NRR  
P. Yarsky, NRR  
P. Clifford, NRR

GENERAL ELECTRIC  
D. Hinds      B. Rand  
J. Harrison      B. Moore  
W. Marquino      R. Fawcett, et al.

Docket No.: 52-0010

Enclosure: List of Discussion Topics

cc w/encl: See next page

CONTACT: Martha C. Barillas  
301-415-4115, mcb@nrc.gov

October 5, 2006

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

FROM: Martha C. Barillas, Project Manager /RA/  
ESBWR/ABWR Projects Branch  
Division of New Reactor Licensing  
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING CLOSED MEETING WITH GENERAL ELECTRIC  
COMPANY REGARDING ESBWR NUCLEAR FUEL DESIGN AND  
RELATED PROPRIETARY TOPICAL REPORTS

DATE & TIME: October 16-19, 2006  
8:00 a.m.- 5:00 p.m.

LOCATION: General Electric Company  
3901 Castle Hayne Road  
Wilmington, North Carolina 28402

PURPOSE: To discuss proprietary material related to detailed ESBWR fuel design,  
proprietary codes, related proprietary Topical Reports and NRC Requests  
for Additional Information (RAIs) containing proprietary information  
related to the ESBWR DCD Tier 2, Revision 1, Chapter 4.

In a letter dated October 2, 2006, General Electric requested that this  
meeting be closed to public attendance because the topics of discussion  
are proprietary. The NRC staff reviewed the meeting topics and  
concluded that the information to be discussed is proprietary. The entire  
meeting will be closed to the public. The NRC plans to issue a meeting  
summary.

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

NRC  
M. Barillas, NRR  
P. Yarsky, NRR  
P. Clifford, NRR

GENERAL ELECTRIC  
D. Hinds B. Rand  
J. Harrison B. Moore  
W. Marquino R. Fawcett, et al.

Docket No.: 52-0010

Enclosure: List of Discussion Topics

cc w/encl: See next page

CONTACT: Martha C. Barillas  
301-415-4115, mcb@nrc.gov

ADAMS ACCESSION NO. ML062770219

OFFICE	PM:NESB	BC(A):NESB
NAME	MBarillas	JColaccino
DATE	10/04/2006	10/05/2006

OFFICIAL RECORD COPY

Distribution for CLOSED October 16, 2006, Meeting dated October 5, 2006

Hard Copy

PUBLIC

NESB R/F

JColaccino

MBarillas

E-Mail

JDanna

MGavrilas

ACRS

KWinsberg

JColaccino

ACubbage

LRossbach

LQuinones

MBarillas

JGaslevic

DAllen

SWilliams

TKevern

PClifford

PYarsky

RLandry

**ESBWR Nuclear Fuel Meeting and Audit  
October 16-19, 2006**

Meeting Discussion Topics (10/16-10/19):

- Fuel Design
- Fuel Performance
- GSTRM
- Rod Withdrawal Event
- Rod Drop Accident
- RAI questions pending responses
- TGBLA implementation
- DCD Chapter 4 sections 4.2, 4.3, Appendices B and C
- Safety Limit Uncertainties

Audit (10/16-10/19):

- PANAC11-Software Test Report (Revisions 1-10)
- TGBLA-06- Software Test Report (Revisions 1-5)
- GSTRM calculations

Documents to be Available:

- ESBWR DCD Tier 2, Chapter 4
- NEDE-33236P, GE14 Fuel Assembly Mechanical Design Report
- NEDE-33241P, GE14 Fuel Rod Thermal Mechanical Design Report
- NEDE-33240P, GE14 for ESBWR Fuel Assembly Mechanical Design Report
- NEDE-33239P, GE14 for ESBWR Nuclear Design Report
- NEDE-33237P, GE14 for ESBWR Critical Power Correlation, Uncertainty, and OLMCPR Development
- TGBLA branch cases and void coefficient calculations
- COBRAG comparative analyses and spacer position sensitivity analyses
- GSTRM input files for fuel depletion analyses
- Fuel mechanical design methodology
- Fuel assembly design and control blade design data
- GE code manuals for TGBLA, COBRAG, TRACG, PANAC11, and GSTRM

Enclosure

## ESBWR Mailing List

cc:

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

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  
jerald.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  
James1.Beard@ge.com  
kathy.sedney@ge.com  
mgiles@entergy.com  
tansel.selekler@nuclear.energy.gov or  
tansel.selekler@hq.doe.gov  
Frostie.white@ge.com  
David.piepmeyer@ge.com  
george.stramback@gene.ge.com