

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
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NAME	MBarillas	JColaccino
DATE	10/04/2006	10/05/2006

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

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**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

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