

July 31, 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 THE ESBWR ANTICIPATED TRANSIENT
WITHOUT SCRAM (ATWS) EVENT AND CFD MODELING OF THE
ESBWR CORE BYPASS

DATE & TIME: August 10, 2006
8:00 a.m. - 4:00 p.m.

LOCATION: General Electric Company
San Jose, California

PURPOSE: To discuss proprietary material related to the ESBWR ATWS event, CFD modeling of the ESBWR core bypass, related proprietary reports and draft NRC requests for additional information (RAIs) containing proprietary information related to the ESBWR DCD Tier 2, Revision 1.

In a letter dated July 31, 2006, General Electric requested 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) and the Office of Nuclear Regulatory Research (RES).

J. Colaccino

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NRC

V. Klein, NRR
P. Yarsky, NRR
B. Parks, NRR
C. Thrall, NRR
C. Boyd, RES
H. Greenberg, RES

GENERAL ELECTRIC

D. Hinds
W. Marquino
et. al

Docket No.: 52-0010

Attachment: List of Discussion Topics

cc: See next page

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ADAMS ACCESSION NO. ML062120449

OFFICE	PM:NESB	(A)BC:NESB
NAME	MBarillas	JColaccino
DATE	07/31/2006	07/31/2006

ESBWR ATWS AND CFD MODELING MEETING
August 10, 2006

The following topics related to ESBWR ATWS will be discussed:

- MSIV Closure ATWS
- Non-Isolation ATWS
- ATWS Stability
- EPGs and EOPs
- Bounding Analysis
- TRACG Nodalization of the Core Bypass
- RAIs Related to ATWS (21.6-4, 21.6-8, 21.6-29, 21.6-33 through 21.6-46, 21.6-51)
- Geometry of the bypass region, special emphasis on core plate
- Boron mixing models and correlations

Documents Needed for ESBWR ATWS Discussions:

- NEDE-33083P Supplement 1 "TRACG Application for ESBWR Stability Analysis"
- NEDE-33083P Supplement 2 "TRACG Application for ESBWR Anticipated Transient Without Scram Analyses"
- ESBWR Design Control Document, Rev. 1 Tier 2 (PDF Format)
- ESBWR Emergency Procedure Guidelines

The Following Topics Related to CFD Modeling of of the ESBWR Core Bypass will be discussed:

- MFN 06-213, GE Response to Staff RAI 21-6.53b

ESBWR

cc:

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