

April 25, 2008

APPLICANT: GE Hitachi Nuclear Energy

PROJECT: Economic Simplified Boiling Water Reactor (ESBWR) Design Certification

SUBJECT: SUMMARY OF APRIL 10, 2008, CLOSED MEETING WITH GE HITACHI
NUCLEAR ENERGY REGARDING REACTOR BUILDING LEAKAGE AND
MIXING ASSUMPTIONS

On April 10, 2008, a closed meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of GE Hitachi Nuclear Energy (GEH), at GEH Headquarters in Washington, DC. The agenda of this meeting was limited to discussing reactor building leakage and mixing assumptions and the analyses basis behind these assumptions.

Prior to the meeting, the NRC staff reviewed the meeting topics and concluded that the detailed reactor building diagrams being used as a reference throughout the meeting were security-related Sensitive Unclassified Non-Safeguards Information (SUNSI) material. As a result, the entire meeting was closed to the public. A list of meeting attendees is included as an enclosure. A summary of the meeting is included below.

GEH made presentations to the NRC staff regarding the following agenda topics: ESBWR HVAC systems, reactor building and control building heat-up calculation, GOTHIC reactor building mixing analyses, and reactor building holdup. During the presentations, the NRC staff and GEH discussed several open RAIs including RAI 6.4-8, 6.4-9 and 6.4-13. GEH will be providing written responses to all RAIs. No additional RAIs were identified during the meeting.

A publicly available version of the presentation material is available in the Agency-wide Documents Access & Management System (ADAMS) at accession number ML081150558.

GE Hitachi Nuclear Energy

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Please direct any inquires concerning this meeting to Bruce Baval at 301-415-6715 or Bruce.Baval@nrc.gov.

/RA/

Bruce Baval, Project Manager
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket No. 052-010

Enclosure:
List of attendees

Please direct any inquires concerning this meeting to Bruce Bavol at 301-415-6715 or Bruce.Bavol@nrc.gov.

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Office of New Reactors

Docket No. 052-010

Enclosure:
List of attendees

cc w/encl: See next page

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LIST OF ATTENDEES
MEETING BETWEEN THE U. S. NUCLEAR REGULATORY COMMISSION
AND GE HITACHI NUCLEAR ENERGY
APRIL 10, 2008

Last Name	First Name	Affiliation
ALFORD	ART	GEH
ARCARO	MIKE	GEH
BARRETT	ANTONIO	GEH
BAVOL	BRUCE	NRC
BERG	BILL	GEH
BROADBENT	GREG	ENTERGY
CUBBAGE	AMY	NRC
DOUGHERTY	LEE	GEH
FORREST	ED	NRC
HAIDER	SYED	NRC
KINSEY	JAMES	GEH
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PIEPMAYER	DAVID	GEH
SNODDERLY	MIKE	NRC
SULVA	MICHAEL	GEH
TAI	TOM	NRC
TIDWELL	DAVID	GEH
TUCKER	LARRY	GEH
WACHOWIAK	RICK	GEH
WADKINS	GEORGE	GEH
WALKER	HAROLD	NRC
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Enclosure

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(Revised 04/14/2008)

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