

June 2, 2008

APPLICANT: GE HITACHI NUCLEAR ENERGY

SUBJECT: SUMMARY OF MEETING BETWEEN THE U. S. NUCLEAR REGULATORY COMMISSION STAFF AND GE HITACHI NUCLEAR ENERGY REGARDING THE ESBWR DESIGN CERTIFICATION REVIEW

On April 22, 2008, the U. S. Nuclear Regulatory Commission (NRC) staff met with GE Hitachi Nuclear Energy (GEH) and other stakeholders at NRC Headquarters to discuss staff requests for additional information (RAIs) for Revision 4 of the ESBWR design control document (DCD), Tier 1. A public meeting notice was issued on April 9, 2008, and was posted on the NRC's external (public) web page. The meeting notice included an agenda, which was available as a meeting handout. These documents may be accessed through the NRC's Agencywide Documents Access and Management System (ADAMS) as Adams Accession Number ML080990281. Enclosure 1 provides a list of the meeting attendees.

GE Hitachi Nuclear Energy and the NRC staff discussed issues concerning the staff's RAIs that were generated during the review of Tier 1, Revision 4 of the DCD. Ten RAIs were identified to be discussed during the meeting. GEH discussed their proposed responses to the RAIs and the staff provided clarification of RAIs when necessary. GEH also discussed changes to Tier 1 that were not related to specific RAIs. Enclosure 2 provides a copy of the presentation provided by GEH (ML081210184). Tier 1 of the ESBWR DCD includes design descriptions and inspections, tests, analyses and acceptance criteria that must be performed by a combined license holder to confirm that the as-built plant complies with the licensed design. During the meeting issues regarding design acceptance criteria (DAC) for piping, human factors engineering, and instrumentation and controls were also discussed. GEH discussed their proposed DAC closure process and their proposed responses to RAIs that were issued by the staff related to DAC. The staff provided feedback and expressed their concerns regarding the GEH proposed DAC closure process and their proposed RAI responses.

It was decided that follow up discussions were needed to discuss GEH's proposed DAC closure process through future meetings and conference calls. The staff and GEH identified RAIs that were also going to require follow up discussion. The NRC staff and GEH continue to discuss

RAI resolutions that will be addressed in future revisions to the ESBWR DCD. The NRC understands that GEH expects to submit Revision 5 of the ESBWR DCD by May 31, 2008.

/RA/

Leslie Perkins
ESBWR/ABWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket No.: 52-010

Enclosures:

1. Meeting Attendees
2. "ESBWR, Tier 1 Requests for Additional Information."

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**ADAMS ACCESSION NO: ML081510409 (Summary)
ML081510396 (Package)**

NRC-001, NRO-002

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OFFICIAL RECORD COPY

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Meeting with GEH Regarding
The ESBWR Design Certification Review
April 22, 2008

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Enclosure

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(Revised 05/27/2008)

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