



HITACHI

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Security Notice

This letter forwards Security-Related information in accordance with 10CFR2.390. Upon removal of Enclosure 2, the balance of this letter may be considered non-Security-Related.

MFN 08-201

Docket No. 52-010

May 7, 2008

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

Subject: **Response to Portion of NRC Request for Additional Information RAI Letter No. 60 Related to the ESBWR Design Certification – Radiation Protection – RAI Number 12.6-1**

The purpose of this letter is to submit the GE Hitachi Nuclear Energy (GEH) response to the U.S. Nuclear Regulatory Commission (NRC) Request for Additional Information (RAI) sent by NRC letter dated September 18, 2006 (Reference 1). GEH's response to RAI Number 12.6-1 is addressed in Enclosure 1 and contains no security-related information.

Enclosure 2 contains Security-Related DCD Figures identified by the designation “{{{Security-Related Information - Withhold Under 10 CFR 2.390}}}.” GEH hereby requests this information be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390. No public version of these security-related DCD Markups are provided in this RAI response since they would be blank pages with only figure titles and figure numbers; however, DCD Tier 2, Revision 5 will contain public versions of these figures.

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NFO

If you have any questions or require additional information, please contact me.

Sincerely,

Handwritten signature of Lee F. Ougherty in cursive script.

James C. Kinsey
Vice President, ESBWR Licensing

Reference:

MFN 06-342, Letter from U.S. Nuclear Regulatory Commission to David H. Hinds, GEH, *Request For Additional Information Letter No. 60 Related To ESBWR Design Certification Application*, dated September 18, 2006.

Enclosures:

1. Response to Portion of NRC Request for Additional Information Letter No. 60 Related to ESBWR Design Certification Application – Radiation Protection – RAI Number 12.6-1
2. Response to Portion of NRC Request for Additional Information Letter No. 60 Related to ESBWR Design Certification Application – Radiation Protection – RAI Number 12.6-1– DCD Tier 2 Markups – Security-Related Information - Withhold Under 10 CFR 2.390

cc: AE Cubbage USNRC (with enclosure)
GB Stramback GEH/San Jose (with enclosure)
RE Brown GEH/Wilmington (with enclosure)
eDRF 0000-0084-6553

Enclosure 1

MFN 08-201

**Response to Portion of NRC Request for
Additional Information Letter No. 60
Related to ESBWR Design Certification Application**

Radiation Protection

RAI Number 12.6-1

NRC RAI 12.6-1:

DCD Tier 2, Section 12.5.2 discusses ESBWR facilities in the service building. Provide layout drawings (to the same scale as the other figures in DCD Tier 2, Section 12.3) of the Service Building, indicating the described facilities (including, but not limited to, the HP offices, control points, contamination control/monitoring stations, changing rooms (men's and women's), decontamination stations/showers, etc). Indicate the designed plant access and egress control through these facilities.

GEH Response:

Layout drawings of the Service Building will be provided in the next revision of DCD Tier 2, Section 12.5. The layout drawings will indicate the health physics areas and offices, radiologically controlled access points, contamination control/monitoring stations, changing rooms (men's and women's), decontamination stations/showers, and other areas. The designed plant access and egress control through these facilities will also be indicated.

DCD Impact:

DCD Tier 2, Section 12.5 will be revised as noted on the attached Service Building layout drawings.