

GE-Hitachi Nuclear Energy Americas LLC

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MFN 07-453

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

**Subject: Response to Portion of NRC Request for Additional Information
Letter No. 100 - Containment Systems - RAI Number 6.2-163**

Enclosure 1 contains GE-Hitachi Nuclear Energy Americas LLC (GEH) response to the subject NRC RAI transmitted via the Reference 1 letter.

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

Sincerely,



James C. Kinsey
Project Manager, ESBWR Licensing

DOB
NRO

Reference:

1. MFN 07-327, Letter from U.S. Nuclear Regulatory Commission to Robert Brown, *Request for Additional Information Letter No. 100 Related to ESBWR Design Certification Application*, May 30, 2007

Enclosure:

1. MFN 07-453 - Response to Portion of NRC Request for Additional Information Letter No. 100 - Related to ESBWR Design Certification Application - Containment Systems - RAI Number 6.2-163

cc: AE Cubbage USNRC (with enclosures)
GB Stramback GEH/San Jose (with enclosures)
RE Brown GEH/Wilmington (with enclosures)
eDRF 0000-0069-9918

Enclosure 1

MFN 07-453

**Response to Portion of NRC Request for
Additional Information Letter No. 100
Related to ESBWR Design Certification Application
Containment Systems
RAI Number 6.2-163**

NRC RAI 6.2-163:

Concerning DCD Tier 2, Rev. 3, Section 6.2.1.3:

NEDE-33261P on page 7-2 describes 12 drywell spillover (drain) pipes located in the inner suppression pool wall connecting the lower DW airspace to the bottom of the suppression pool. These pipes do not appear to be discussed in Tier 1 and Tier 2 of the ESBWR DCD. Please include a discussion of these pipes in Tier 1 and Tier 2 of the ESBWR DCD.

GEH Response:

The spillover pipes have been replaced with 12 spillover holes at 12.37 m above the reactor pressure vessel bottom elevation. DCD Tier 2, Revision 3, Subsection 6.2.1.1.2 (page 6.2-5) includes a description of the spillover holes.

DCD Impact:

No DCD changes will be made in response to this RAI.