



GE Energy

James C. Kinsey
Project Manager, ESBWR Licensing

PO Box 780 M/C J-70
Wilmington, NC 28402-0780
USA

T 910 675 5057
F 910 362 5057
jim.kinsey@ge.com

MFN 07-216

Docket No. 52-010

May 9, 2007

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

Subject: **Response to NRC Request for Additional Information Letter No. 3 for the ESBWR Design Certification Application – PRA – RAI Number 19.2.3-1(Partial Response).**

Enclosure 1 contains GE's response to the subject NRC RAIs transmitted via the Reference 1 letter.

If you have any questions about the information provided here, please let me know.

Sincerely,

A handwritten signature in cursive script that reads "Kathy Sedney for".

James C. Kinsey
Project Manager, ESBWR Licensing

Handwritten initials or a signature, possibly "JDZ" or similar, in a stylized cursive font.

MFN 07-216

Page 2 of 2

Reference:

MFN 05-156, Letter from U.S. Nuclear Regulatory Commission to David Hinds, *Request for Additional Information Letter No. 3 for the ESBWR Design Certification Application*, December 8, 2005.

1.

Enclosures:

1. Enclosure 1 MFN 07-216 Response to Portion of NRC Request for Additional Information Letter No. 03 Related to ESBWR Design Certification Application Probabilistic Risk Assessment RAI Number 19.2.3-1.

cc: AE Cabbage USNRC (with enclosures)
 George Stramback GE/San Jose (with enclosures)
 RE Brown GE/Wilmington (with enclosures)

EDRF Section 0067-5912

Enclosure 1

MFN 07-216

Response to Portion of NRC Request for

Additional Information Letter No. 03

Related to ESBWR Design Certification Application

Probabilistic Risk

Assessment

RAI Number 19.2.3-1

NRC RAI 19.2.3-1

Other than mentioning the equipment survivability in the context of SECY-93-087 (DCD p. 19.1-2), GE does not appear to have included any assessment of equipment survivability - in either the DCD or the PRA. Please provide an equipment survivability assessment.

GE Response

NEDO-33201 Revision 2, and Chapter 19, section 19.3.4 contain details of equipment survivability assessment for ESBWR equipment.

DCD/NEDO-033201 Impact

DCD Section 19.3.4 Rev 3 has been revised in response to this RAI.

NEDO-33201 Appendix 8A Rev 2 is being revised and will be submitted on the schedule provided in MFN – 07-200.