



HITACHI

GE Hitachi Nuclear Energy

Richard E. Kingston
Vice President, ESBWR Licensing

PO Box 780 M/C A-65
Wilmington, NC 28402-0780
USA

T 910 675 6192
F 910 362 6192
rick.kingston@ge.com

MFN 08-607 Supplement 1

Docket No. 52-010

January 29, 2009

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

Subject: **Supplemental Information for Response to Portion of NRC
Request for Additional Information Letter No. 105 - Related to
ESBWR Design Certification Application – RAI Number 21.6-92
Supplement 1**

The purpose of this letter is to submit supplemental information related to the GE Hitachi Nuclear Energy (GEH) response to the U.S. Nuclear Regulatory Commission (NRC) Request for Additional Information (RAI) sent by the Reference 1 NRC letter. GEH response to RAI Number 21.6-92 Supplement 1 was provided in Reference 2. The supplemental information provided in Enclosure 1 provides rationale for the use of non-Level 2 versions of the TRACG04 safety analysis code in the ESBWR DCD.

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

Sincerely,

Richard E. Kingston
Vice President, ESBWR Licensing

Reference:

1. MFN 07-460, Letter from U.S. Nuclear Regulatory Commission to Robert E. Brown, *Request for Additional Information Letter No. 105 Related to the ESBWR Design Certification Application*, dated August 16, 2007.
2. MFN 08-607, Letter from GE Hitachi to U.S. Nuclear Regulatory Commission, *Response to Portion of NRC Request for Additional Information Letter No. 105 - Related to ESBWR Design Certification Application – RAI Number 21.6-92 Supplement 1*, dated July 31, 2008

Enclosure:

1. MFN 08-607 Supplement 1 – Supplemental Information for Response to Portion of NRC Request for Additional Information Letter No. 105 - Related to ESBWR Design Certification Application – RAI Number 21.6-92 S01

cc: AE Cabbage USNRC (with enclosure)
RE Brown GEH/Wilmington (with enclosure)
DH Hinds GEH/Wilmington (with enclosure)
eDRF 0000-0095-6437/R1