



GE Energy

David H. Hinds
Manager, ESBWR

PO Box 780 M/C L60
Wilmington, NC 28402-0780
USA

T 910 675 6363
F 910 362 6363
david.hinds@ge.com

MFN 06-240

Docket No. 52-010

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

Subject: **ESBWR I&C Licensing Topical Report – NEDO-33251**

The following ESBWR I&C Licensing Topical Report (LTR) is contained in the Enclosure:

- NEDO-33251, "ESBWR I&C Defense-In-Depth and Diversity Report" – Describes the type of diversity that exists among the four echelons of defense-in-depth for the ESBWR and identifies dependencies among the echelons. Also, it discusses redundancy and segregation.

This LTR was identified in the Referenced letter.

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

Sincerely,

David H. Hinds
Manager, ESBWR

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Enclosure:

MFN 06-240 – Licensing Topical Report

- NEDO-33251, “ESBWR I&C Defense-In-Depth and Diversity Report,”
July 2006

Reference:

MFN 05-140, Letter from David H. Hinds to U. S. Nuclear Regulatory Commission, *Submittal Schedule for Licensing Topical Reports Related to ESBWR (TAC # MC8168)*, November 22, 2005

cc: WD Beckner USNRC (w/o enclosures)
AE Cabbage USNRC (with enclosures)
LA Dudes USNRC (w/o enclosures)
GB Stramback GE/San Jose (with enclosures)
eDRFs 0000-0055-9783

Enclosure

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Licensing Topical Report

NEDO-33251, "ESBWR I&C Defense-In-Depth
and Diversity Report," July 2006