

GE Energy

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MFN 06-240

Docket No. 52-010

July 24, 2006

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-indepth 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,

Bathy Sedney for

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

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cc: WD Beckner USNRC (w/o enclosures) AE Cubbage USNRC (with enclosures) LA Dudes USNRC (w/o enclosures) GB StrambackGE/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