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MFN 06-063

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

Subject: **ESBWR Human Factors Engineering Licensing Topical Report –
NEDO-33266**

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

- NEDO-33266, “ESBWR Human Factors Engineering Staffing and Qualifications Plan.” The purpose of this plan is to:
 - Establish an initial baseline shift operations staff appropriate for managing plant safety during normal operation of the ESBWR.
 - Provide guidance on using the initial staffing assumptions in systematic evaluations of staffing needs and qualifications throughout the design effort.
 - Recommend a refined description of baseline staffing needs and qualifications for using the ESBWR HSI.
 - Address a screening process used to focus the HFE effort on the tasks and staff needed to support reactor safety functions.
 - Provide a baseline input for systematic verifications of the HSI design, and development of procedures and the training program.

This LTR was identified in the Referenced letter.

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

Sincerely,



David H. Hinds
Manager, ESBWR

Enclosure:

MFN 06-063 – Licensing Topical Report

- NEDO-33266, “ESBWR Human Factors Engineering Staffing and Qualifications Plan,” March 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)
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