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MFN 06-234

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

**Subject: ESBWR HFE Licensing Topical Report – NEDO-33277, Revision 1**

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

- NEDO-33277, Revision 1, “ESBWR Human Factors Engineering Human Performance Monitoring Implementation Plan” – illustrates how HPM elements suitable for human performance monitoring by the COL holder make use of HFE information developed during the HSI design.

This LTR was identified in the Referenced letter.

Please note that NEDO-33277 (with no revision designation) was not sent to the NRC.

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

Sincerely,

David H. Hinds  
Manager, ESBWR

*DAH*

Enclosure:

MFN 06-234 – Licensing Topical Report

- NEDO-33277, Revision 1, “ESBWR Human Factors Engineering Human Performance Monitoring Implementation Plan,” 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 0000-0052-9520

Enclosure

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Licensing Topical Report

NEDO-33277, Revision 1, "ESBWR Human Factors

Engineering Human Performance Monitoring

Implementation Plan," July 2006