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

Subject: **ESBWR I&C Software Licensing Topical Reports – NEDO-33226,  
NEDO-33227, NEDO-33229**

The following ESBWR I&C Licensing Topical Reports (LTRs) are contained in the  
Enclosure:

- NEDO-33226, “ESBWR I&C Software Management Plan” – Outlines the approach to be followed during the software engineering process (planning, requirements, design, implementation, integration, validation, installation, and operations & maintenance) for Quality Class Q software-based products.
- NEDO-33227, “ESBWR I&C Software Configuration Management Plan” – Provides the direction necessary to implement the configuration management activities required for the software engineering process.
- NEDO-33229, “ESBWR I&C Software Development Plan” - Specifies the management processes for design and delivery activities for the I&C software and hardware.

These three LTRs were 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

Enclosure:

MFN 06-083 – Licensing Topical Reports

- NEDO-33226, “ESBWR I&C Software Management Plan,” March 2006
- NEDO-33227, “ESBWR I&C Software Configuration Management Plan,” March 2006
- NEDO-33229, “ESBWR I&C Software Development 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)  
LA Dudes USNRC (w/o enclosures)  
GB Stramback/GE/San Jose (with enclosures)  
eDRFs 0055-8268, 0051-8706, 0051-8705