



GE Energy

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MFN 05-140

Project 717

November 22, 2005

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

**Subject: Submittal Schedule for Licensing Topical Reports Related to ESBWR
(TAC # MC8168)**

Enclosure 1 contains a list of the Licensing Topical Reports (LTRs) currently in process to support ESBWR Design Certification. The scheduled submittal dates also are indicated. If it becomes necessary to make any changes or additions to this schedule, an update will be provided to the NRC.

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

Sincerely,

David H. Hinds
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Enclosure:

1. MFN 05-140 – ESBWR LTR Submittal Schedule

cc: WD Beckner USNRC (w/o enclosure)
LA Dudes USNRC (w/o enclosure)
AE Cabbage USNRC (with enclosure)
GB Stramback GE San Jose (with enclosure)

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Enclosure 1

ENCLOSURE 1

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ESBWR LTR Submittal Schedule

ESBWR LTR Submittal Schedule

LTR	Scheduled Submittal Date	Comments
Preapplication		
NEDC-33082P, Rev 1 - ESBWR Scaling Report	01/13/06	Non proprietary version will be included
NEDE-32176P, Rev. 3 -TRACG Model Description	01/06/06	Non proprietary version will be included
NEDE-32177P, Rev. 2 - TRACG Qualification	03/31/06	Non proprietary version will be included
NEDE-33083P, Supplement 2, TRACG ATWS	01/13/06	Non proprietary version will be included
NEDO-33083-A - TRACG Application for ESBWR	11/18/2005 Complete - MFN 05-127	Non Proprietary version
NEDO-33079, Rev. 1 - ESBWR Test and Analysis Program Description	12/02/05	Non Proprietary version
NEDO-33081, Rev. 1 - ESBWR Test Report	12/16/05	Non Proprietary version
NEDO-33080, Rev. 1 - TRACG Qualification for ESBWR	01/06/06	Non Proprietary version
I&C		
NEDE-33232P, Rev. 1, SSLC/RTIF System Performance Specification	12/12/05	Remove conditional release - non proprietary version will be included
NEDE-33233P, Rev. 1, Safety System Logic and Control/Reactor Trip and Isolation Functions (SSLC/RTIF) Hardware/Software Specification	12/12/05	Remove conditional release - non proprietary version will be included
NEDE-33234P, Rev. 1, RTIF Digital Trip Module (DTM) Function Software Design Specification	12/12/05	Remove conditional release - non proprietary version will be included

ESBWR LTR Submittal Schedule

LTR	Scheduled Submittal Date	Comments
NEDE-33226P, Rev. 1, ESBWR I&C Software Management Plan	04/07/06	Remove conditional release - non proprietary version will be included
NEDE-33227P, Rev. 1, ESBWR I&C Software Configuration Management Plan	04/07/06	Remove conditional release - non proprietary version will be included
NEDE-33229P, Rev. 1, ESBWR I&C Software Development Plan	04/07/06	Remove conditional release - non proprietary version will be included
NEDE-33xxxP, ESBWR I&C Software QA Plan (SQAP) (Draft)	01/16/06	Conditional release - non proprietary version will be included
NEDE-33xxxP, ESBWR I&C Software Safety Plan (SSP) (Draft)	02/10/06	Conditional release - non proprietary version will be included
NEDE-33xxxP, ESBWR I&C Software V&V Plan (SV&VP) (Draft)	01/06/06	Conditional release - non proprietary version will be included
NEDE-33xxxP, ESBWR I&C Integration Plan (Draft)	01/31/06	Conditional release - non proprietary version will be included
NEDE-33xxxP, ESBWR I&C Installation Plan (Draft)	01/31/06	Conditional release - non proprietary version will be included
NEDE-33xxxP, ESBWR I&C Maintenance Plan (Draft)	03/10/06	Conditional release - non proprietary version will be included
NEDE-33xxxP, ESBWR I&C Training Plan (Draft)	03/10/06	Conditional release - non proprietary version will be included
NEDE-33xxxP, ESBWR I&C Operations Plan (OP) (Draft)	03/10/06	Conditional release - non proprietary version will be included
NEDE-33xxxP, Rev. 1, ESBWR I&C Software QA Plan (SQAP) (Final)	04/28/06	Remove conditional release - non proprietary version will be included
NEDE-33xxxP, Rev. 1, ESBWR I&C Software Safety Plan (SSP) (Final)	04/28/06	Remove conditional release - non proprietary version will be included
NEDE-33xxxP, Rev. 1, ESBWR I&C Software V&V Plan (SV&VP) (Final)	04/07/06	Remove conditional release - non proprietary version will be included

ESBWR LTR Submittal Schedule

LTR	Scheduled Submittal Date	Comments
NEDE-33xxxP, Rev. 1, ESBWR I&C Integration Plan (Final)	04/28/06	Remove conditional release - non proprietary version will be included
NEDE-33xxxP, Rev. 1, ESBWR I&C Installation Plan (Final)	05/05/06	Remove conditional release - non proprietary version will be included
NEDE-33xxxP, Rev. 1, ESBWR I&C Maintenance Plan (Final)	05/05/06	Remove conditional release - non proprietary version will be included
NEDE-33xxxP, Rev. 1, ESBWR I&C Training Plan (Final)	05/05/06	Remove conditional release - non proprietary version will be included
NEDE-33xxxP, Rev. 1, ESBWR I&C Operations Plan (OP) (Final)	05/12/06	Remove conditional release - non proprietary version will be included
NEDE-33xxxP, ESBWR Instrumentation and Control Defense-in-Depth and Diversity Evaluation Report (Draft)	03/10/06	Conditional release - non proprietary version will be included
NEDE-33xxxP, Rev. 1, ESBWR Instrumentation and Control Defense-in-Depth and Diversity Evaluation Report (Final)	05/12/06	Remove conditional release - non proprietary version will be included
HFE		
NEDO-33217, Rev, 1, ESBWR Man-Machine Interface System and Human Factors Engineering Implementation Plan	01/06/06	Remove conditional release
NEDO-33xxx, Operating Experience Review Plan	01/31/06	
NEDO-33xxx, Functional Requirements Analysis and Allocation Plans	01/31/06	
NEDO-33xxx, Task Analysis Plan	01/31/06	
NEDO-33xxx, Staffing and Qualifications Plan	02/28/06	
NEDO-33xxx, Human Reliability Analysis Plan	02/28/06	
NEDO-33xxx, Human-System Interface Design Plan	02/28/06	
NEDO-33xxx, Design Implementation Plan	03/31/06	
NEDO-33xxx, Procedures Development Plan	03/31/06	

ESBWR LTR Submittal Schedule

LTR	Scheduled Submittal Date	Comments
NEDO-33xxx, Training Development Plan	03/31/06	
NEDO-33xxx, Human Factors Engineering Verification and Validation Plan	03/31/06	
NEDO-33xxx, Human Performance Monitoring Plan	03/31/06	
PRA		
NEDO-33201, ESBWR Certification Probabilistic Risk Assessment	01/06/06	Will include Rev. 1 changes
Fuel/Control Rods		
NEDE-33236P, GE14 Fuel Assembly Mechanical Design Report	11/21/2005 Complete FLN-2005-31	Non proprietary version will be included
NEDE-33241P, GE14 Fuel Rod Thermal-Mechanical Design Report	11/21/2005 Complete FLN-2005-31	Non proprietary version will be included
NEDE-33238P, GE14 Pressure Drop Characteristics	12/12/05	Non proprietary version will be included
NEDE-33242P, GE14 for ESBWR Fuel Rod Thermal-Mechanical Design Report	01/23/06	Non proprietary version will be included
NEDE-33240P, GE14 for ESBWR Fuel Assembly Mechanical Design Report	02/06/06	Non proprietary version will be included
NEDE-33239P, GE14 for ESBWR Nuclear Design Report	02/20/06	Non proprietary version will be included
NEDE-33237P, GE14 for ESBWR Critical Power Correlation, Uncertainty, and OLMCPR Development	03/06/06	Non proprietary version will be included
NEDE-33243P, ESBWR Marathon Control Rod Nuclear Design Report	04/24/06	Non proprietary version will be included
NEDE-33244P, ESBWR Marathon Control Rod Mechanical Design Report	04/24/06	Non proprietary version will be included

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Enclosure 1

ESBWR LTR Submittal Schedule

LTR	Scheduled Submittal Date	Comments
Fission Product Removal		
NEDE-33xxxP, Fission Product Removal Evaluation Model	04/28/06	Non proprietary version will be included
Flow Induced Vibration		
NEDE-33xxxP, Flow Induced Vibration Evaluation Process, Part 1	01/13/06	Non proprietary version will be included