

ESBWR Topical Reports and Requests for Additional Information Status -- June 19, 2006

Topical Report Number and Title	GE Commitment	Submittal date	Notes
Thermal Hydraulic codes			
NEDE-33083P, Supplement 2, TRACG Application for ESBWR Anticipated Transient Without Scram	01/13/06	1/13/06	
NEDE-32176P, Revision 3, TRACG Model Description	01/6/06	04/20/06	LATE
Instrumentation and Control			
NEDE-33232P, Revision 1, Safety System Logic and Control Reactor Trip and Isolation Function (SSLC/RTIF) System Performance Specification	12/12/05	12/15/05	
NEDE-33233P, Safety System Logic and Control Reactor Trip and Isolation Function (SSLC/RTIF) Hardware and Software Specification	12/12/05	12/15/05	
NEDO-33234, Revision 1, Reactor Trip and Isolation Function Digital Trip Module Function Software Design Specification	12/12/05	12/15/05	
NEDO-33226, ESBWR I&C Software Management Plan	04/07/06	03/27/06	
NEDO-33227, ESBWR I&C Software Configuration Management Plan	04/07/06	03/27/06	
NEDO-33229, ESBWR I&C Software Development Plan	04/07/06	03/27/06	
NEDO-33245, ESBWR I&C Software Quality Assurance Plan	04/28/06	01/18/06	
NEDO-33230, ESBWR I&C Software Safety Plan	04/28/06	01/31/06	
NEDO-33228, ESBWR I&C Software Verification and Validation Plan	04/07/06	01/18/06	

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NEDO-33246, ESBWR I&C Software Integration Plan	04/28/06	01/31/06	
NEDO-33247, ESBWR I&C Installation Plan	05/05/06	01/31/06	
NEDO-33248, ESBWR I&C Operations and Maintenance Plan	05/05/06	04/19/06	
NEDO-33249, ESBWR I&C Software Training Plan	05/05/06	04/09/06	
NEDO-33251, ESBWR I&C Defense in Depth and Diversity Evaluation report	05/12/06		OVERDUE
Human Factors Engineering			
NEDO-33217, Rev, 1, ESBWR Man-Machine Interface System and Human Factors Engineering Implementation Plan	01/06/06	01/06/06	
NEDO-33262, Operating Experience Review (Human Factors) Implementation Plan	01/31/06	01/31/06	
NEDO-33219, System Functional Requirements Analysis Implementation Plan	01/31/06	01/31/06	
NEDO-33220, ESBWR Allocation of Functions Implementation Plan	01/31/06	01/31/06	
NEDO-33221, ESBWR Task Analysis	01/31/06	01/31/06	
NEDO-33266, ESBWR Human Factors Engineering Staffing and Qualifications Plan	02/28/06	03/09/06	LATE
NEDO-33267, ESBWR Human Factors Engineering Human Reliability Analysis Implementation Plan	02/28/06	03/10/06	LATE

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NEDO-33268, ESBWR Human Factors Engineering Human-System Interface Design Plan	02/28/06	03/31/06	LATE Revision 1 submitted 6/14/06
NEDO-33278, Revision 1, ESBWR HFE Design Implementation Plan	03/31/06	6/14/06	LATE
NEDO-33274, Revision 1, ESBWR Human Factors Engineering Procedures Development Implementation Plan	03/31/06	6/14/06	LATE
NEDO-33275, ESBWR Human Factors Engineering Training Development Implementation Plan"	03/31/06	6/14/06	LATE
NEDO-33276, ESBWR HFE Verification and Validation Implementation Plan	03/31/06	6/13/06	LATE
NEDO-33xxx, Human Performance Monitoring Plan	03/31/06		OVERDUE
Fuel, Critical Heat Flux Correlation and Control Rods			
NEDE-33236P, GE14 Fuel Assembly Mechanical Design Report	11/21/05	11/21/05	
NEDE-33241P, GE14 Fuel Rod Thermal-Mechanical Design Report	11/21/05	11/21/05	Revision 1 submitted on 01/13/06
NEDE-33238P, GE14 Pressure Drop Characteristics	12/12/05	12/12/05	
NEDE-33242P, GE14 for ESBWR Fuel Rod Thermal Mechanical Design Report	01/23/06	01/23/06	
NEDE-33240P, GE14E Fuel Assembly Mechanical Design Report	02/06/06	01/31/06	
NEDE-33239P, GE14 for ESBWR Nuclear Design Report	02/20/06	02/16/06	
NEDE-33237P, GE14 for ESBWR - Critical Power Correlation, Uncertainty, and OLMCPR Development	03/06/06	03/02/06	

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NEDE-33243P, ESBWR Marathon Control Rod Nuclear Design Report	04/24/06	05/23/06	LATE
NEDE-33244P, ESBWR Marathon Control Rod Mechanical Design Report	04/24/06		OVERDUE
Fission Product Removal			
NEDE-33XXXP, Fission Product Removal Evaluation Model	04/28/06		OVERDUE
Flow Induced Vibration			
NEDE-33259P, ESBWR Reactor Internals Flow Induced Vibration Program, Part 1	01/13/06	01/13/06	
NEDE-33XXXP, ESBWR Reactor Internals Flow Induced Vibration Program, Part 2	TBD*		*No schedule commitment
Containment Load			
NEDE-33261P, ESBWR Containment Load Definition	04/28/06	05/18/06	LATE
PRA Report Revision 1			
NEDO-33201, ESBWR PRA Report, Chapters 1, 11, and 17 - 20	01/06/06*		OVERDUE *By letter dated 1/16/06, GE revised commitment to 3/3/06
NEDO-33201, ESBWR PRA Report, Chapters 2 - 6	01/06/06*	02/08/06	LATE *By letter dated 1/16/06, GE revised commitment to 2/3/06

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NEDO-33201, ESBWR PRA Report, Chapter 7	01/06/06*	02/15/06	LATE *By letter dated 1/16/06, GE revised commitment to 2/3/06
NEDO-33201, ESBWR PRA Report , Chapters 8 - 10	01/06/06*	04/20/06	LATE *By letter dated 1/16/06, GE revised commitment to 3/3/06
NEDO-33201, ESBWR PRA Report , Chapters 12 & 13	01/06/06*	6/8/06	LATE *By letter dated 1/16/06, GE revised commitment to 3/3/06
NEDO-33201, ESBWR PRA Report , Chapter 14	01/06/06*	6/13/06	LATE *By letter dated 1/16/06, GE revised commitment to 3/3/06
NEDO-33201, ESBWR PRA Report , Chapters 15 & 16	01/06/06*		OVERDUE *By letter dated 1/16/06, GE revised commitment to 3/3/06
NEDO-33201, ESBWR PRA Report , Chapter 21	01/06/06	12/29/06	
ESBWR Design Control Document (DCD), Revision 1			
DCD Tier 1	02/28/06	3/13/06	LATE
DCD Tier 2 Chapters 1-15, 17 & 18	01/31/06	02/05/06	LATE
DCD Tier 2 Chapter 16 (Tech Specs)	02/28/06	03/20/06	LATE

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DCD Tier 2 Chapter 19 (PRA/Severe Accidents)	01/31/06		OVERDUE

Status of Issued ESBWR RAIs

- 562 RAIs sent to GE by letter
- 381 RAIs answered
- 70 responses overdue
- 111 responses not due yet