

August 30, 2006

ORGANIZATION: General Electric Company (GE)

PROJECT: Economic Simplified Boiling Water Reactor (ESBWR) Design Certification

SUBJECT: SUMMARY OF MEETING HELD ON JUNE 7, 2006, REGARDING ESBWR TECHNICAL SPECIFICATIONS

The Nuclear Regulatory Commission (NRC) hosted a public meeting with General Electric Company (GE) on June 7, 2006, at NRC Headquarters to discuss the economic simplified boiling water reactor (ESBWR) DCD Tier 2, Chapter 16 Technical Specifications (TS) Sections 3.0, 3.4, and 5.0. A list of attendees is provided in Enclosure 1. The meeting agenda is provided in Enclosure 2, and a summary of the meeting is provided in Enclosure 3.

GE provided handouts during the meeting which can be accessed through the Agencywide Documents Access and Management System (ADAMS). This system provides text and image files of NRC's publicly available documents. The handouts mentioned above may be accessed through the ADAMS system under Accession No. ML062070635. If you do not have access to ADAMS or if there are problems in accessing the handouts located in ADAMS, contact the NRC Public Document Room (PDR) Reference staff at 1-800-397-4209, 301-415-4737, or by e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov).

**/RA/**

Martha C. Barillas, Project Manager  
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Division of New Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 52-0010

Enclosures: As stated

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**ATTENDEES FOR MEETING WITH GENERAL ELECTRIC (GE)**  
**ESBWR TECHNICAL SPECIFICATIONS**  
**June 7, 2006**

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Amy Cubbage	NRC/NRR/DNRL/NESB
Martha C. Barillas	NRC/NRR/DNRL/NESB
Dan Williamson	GE
Spencer Semmes	Dominion
Clinton Szabo	GE
Russell Wells	Parallax
Jerry Phillabaum	Enercon Services
Norbert Carte	NRC/NRR/DE/EICB
Pete Hearn	NRC/NRR/DIRS/ITSB
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David Hinds	GE Nuclear Energy
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Peter Yarsky	NRC/NRR/DSS/SNPB
Jeffrey Seifried	NRC/NMSS/SFPO
Shaun Anderson	NRC/NRR/DIRS

Agenda for Public Meeting Regarding ESBWR Technical Specifications (TS)  
June 7, 2006, Room O6-B4

9:00 a.m.	Introduction	NRC/GE
9:15 a.m.	TS Section 3.0, Limiting Condition for Operation (LCO)	GE
11:15 a.m.	Public Comment	Public
11:30 a.m.	Lunch Break	
12:30 p.m.	TS Section 3.4, Reactor Coolant System	GE
2:00 p.m.	TS Section 5.0, Administrative Controls	GE
3:00 p.m.	Open discussion/Future Meetings	NRC/GE
3:50 pm	Public comment	Public
4:00 p.m.	Adjourn	

**SUMMARY OF PUBLIC MEETING WITH GENERAL ELECTRIC (GE)  
REGARDING ESBWR TECHNICAL SPECIFICATIONS  
June 7, 2006**

On March 20, 2006, General Electric (GE) submitted the economic simplified boiling water reactor (ESBWR) design control document (DCD) Tier 2, Chapter 16 technical specifications (TS) portion of the design certification application. On March 23, 2006, a category 1 public meeting was held at NRC Headquarters with GE to discuss the development of TS. As a result of this public meeting, GE and the NRC staff agreed to hold another meeting on April 19, 2006, to further discuss how the ESBWR TS meet the criteria for establishing TS limiting conditions for operation (LCOs) as specified in 10 CFR 50.36(c)(2)(ii), and the correlation of the TS to anticipated operational occurrences (AOOs), infrequent events, and design basis accidents (DBAs) mitigating systems as described in Chapter 6 and Chapter 15 of the DCD. GE and NRC staff met again on June 7, 2006, to discuss the ESBWR DCD Tier 2, Chapter 16 TS sections 3.0, 3.4, and 5.0. The following summarizes the June 7, 2006, category 1 public meeting.

GE presented section 3.0, Limiting Condition for Operation Applicability, and discussed the introduction of a new mode 4 and mode 5 for the ESBWR design into LCO 3.0.3. The NRC staff asked GE about the applicability of end states to the ESBWR design. GE presented the references used in formulating the generic end state application and explained the applicability of these references to the ESBWR design. These references include TSTF-423, TSTF-IG-05-02, and the NRC safety evaluation on NEDC-32988, as shown on Slide 5 of the presentation (ML062070635).

GE proceeded to discuss the ESBWR TS section 3.4, Reactor Coolant System (RCS). GE and the NRC staff discussed TS 3.3.4.1, RCS leakage detection instrumentation, and the applicability of General Design Criteria (GDC) 30 and GDC 34 to this TS. The NRC staff notified GE there would be a future telecon to discuss GE's response to RAI 5.2-1 and 5.2-2, related to RCS leakage. GE proceeded with the presentation and stated the Pressure Temperature Limits Report (PTLR) referenced in TS LCO 3.4.4, will be submitted for staff review prior to a future combined operating license (COL) application. GE will clarify how the PTLR relates to Chapter 16 TS, and Chapter 5 Reactor Coolant Systems and Connected Systems in the revised ESBWR DCD. GE and the NRC staff briefly discussed RAI 16.2-9, relating to the offsite dose calculation manual (ODCM). The discussion focused on the timing of the submittal of Revision 0 of the ODCM, and the potential need for a license condition if the ODCM could not be submitted as part of a COL application since TS 5.5.1 only addresses submitting changes to the ODCM to the NRC. GE and the NRC staff also discussed TS 5.5.10, Battery Monitoring and Maintenance Program, and the NRC staff's concern with GE referencing the IEEE standard in TS 5.5.10 since it is not currently endorsed by the staff. This concern has been previously communicated to the industry and is currently being handled through other processes.

The NRC staff requested to have a future meeting with GE to discuss the regulatory treatment of non-safety systems (RTNSS) and the classification of such systems. The NRC staff and GE agreed to have another meeting in June on the ESBWR DCD Tier 2, Chapter 16 TS sections 2.0, 3.1, 3.2, 3.5, 3.6, 3.7, 3.9, 3.10, and 4.0.

ESBWR

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