



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

December 18, 1996

52-001  
52-002

APPLICANTS: GE Nuclear Energy (GE)  
ABB-Combustion Engineering, Inc. (ABB-CE)

PROJECT: System 80+ Standard Plant  
Advanced Boiling Water Reactor (ABWR)

SUBJECT: SUMMARY OF MEETING ON DESIGN CONTROL DOCUMENTS

On Thursday, December 12, 1996, the Nuclear Regulatory Commission (NRC) staff met with representatives of ABB-CE and GE at NRC headquarters to discuss changes to the design control documents (DCDs) for the ABWR and System 80+ standard plant designs. A list of attendees is provided in Attachment 1.

Changes to the DCDs for the ABWR and System 80+ designs are required to conform the DCDs to the final design certification rules. The Commission issued its guidance on the final rules in SECY-96-077, "Certification of Two Evolutionary Designs," on December 6, 1996. Mr. Wilson, of the NRC staff, began the meeting by proposing that the DCD introductions be deleted because all of the information in the introductions would be included in the final rules and statements of consideration (SOC) in accordance with Commission guidance and this would be the quickest way to conform the DCDs. He added that if the introductions were retained then revisions would be needed and a statement should be added to the purpose section stating that all licensing decisions should be based on the final rules and SOC. Both applicants chose to retain and revise the introductions and GE submitted proposed changes for the staff's review (Attachment 2).

The next subject was references to proprietary and safeguards information in the ABWR DCD. An applicant for a combined license is required by the final rules to physically include this information in its plant-specific DCD. The staff stated that some of the ABWR references were unacceptable because the identification of the document and its effective date could not be determined from the reference in the DCD. GE stated that it would revise these references. The staff also stated that the applicable regulations for operational issues in Section 4 of the final rules need to be added to the list of combined license action items in accordance with Commission guidance. Both applicants stated that they would review their DCDs and revise them, as necessary.

The expiration of Tier 2\* information in the DCDs was discussed next. Based on the staff's analysis of Tier 2\* restrictions, as discussed in the August 13, 1996 comment analysis, the Tier 2\* information could expire at first full power under certain conditions. Both applicants chose to have the equipment seismic qualification methods and piping design acceptance criteria expire at first full power with the ASME Code controlling changes to this information. With regard to human factors engineering, GE decided to have this information expire at first full power with the Tier 1 implementation

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process controlling, whereas ABB-CE decided to stay with the Tier 2\* restriction for the life of a facility that referenced the DCD. Neither applicant was ready to decide on whether to retain the Tier 2\* restriction for the fuel burnup limit or replace it with a technical specification. They both stated that they would notify the staff of their choice at a later date.

Finally, both applicants stated that they wanted to have the National Technical Information Service identified in the final rules as the organization that would provide copies of the DCDs to the public. Also, both applicants stated that they wanted their revised final design approvals to reference updated standard safety analysis reports rather than the DCDs.

original signed by:

Jerry N. Wilson, Senior Policy Analyst  
Standardization Project Directorate  
Division of Reactor Program Management  
Office of Nuclear Reactor Regulation

Docket Nos. 52-001 and 52-002

Attachments: As stated

cc w/attachments:  
See next page

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