

RAI Number	Reviewer	Question Summary	Full Text
6.3-11	Thomas G	GDCS	<p data-bbox="800 1008 1262 1040">DCD Tier 2, Section 6.3.2.7, GDCS</p> <p data-bbox="800 1078 1892 1247">State the bounds within which principal GDCS parameters must be maintained in the interest of constant standby readiness, e.g. minimum coolant reserve in the GDCS pool, maximum number of inoperable valves in injection lines, equalizing and deluge lines, <u>maximum allowable time period for which a component can be out of service.</u></p>

June 22, 2006

Mr. David Hinds, Manager, ESBWR
General Electric Company
P.O. Box 780, M/C L60
Wilmington, NC 28402-0780

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 34 RELATED TO
ESBWR DESIGN CERTIFICATION APPLICATION

Dear Mr. Hinds:

By letter dated August 24, 2005, General Electric Company (GE) submitted an application for final design approval and standard design certification of the economic simplified boiling water reactor (ESBWR) standard plant design pursuant to 10 CFR Part 52. The Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed design.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter. This RAI concerns the "Engineered Safety Features," Chapter 6, and the "Auxiliary Systems," Chapter 9, of Tier 2 of the ESBWR design control document. The RAI regarding Chapter 6, RAI 6.3-3 - 6.3-34, was sent to you via electronic mail on April 17, 2006, and resent on May 22, 2006. The RAIs were discussed with you during a telecon on May 15, 2006. The RAI regarding Chapter 6, RAI 6.3-35 - 6.3-37, was sent to you via electronic mail on May 30, 2006 and resent on June 10, 2006. The RAIs were discussed with you during a telecon on May 30, 2006. You agreed to respond to this RAI by July 21, 2006.

The RAI regarding Chapter 9 was sent to you via electronic mail on May 10, 2006. The RAIs were discussed with you during a telecon on May 30, 2006. You agreed to respond to this RAI on the following schedule:

June 30, 2006:	RAI 9.3-3 through 9.3-10, 9.3-12 through 9.3-24
July 28, 2006:	RAI 9.3-11, 9.3-25, and 9.3-26