August 15, 2008

Mr. Robert E. Brown
Senior Vice President, Regulatory Affairs
GE-Hitachi Nuclear Energy
3901 Castle Hayne Road MC A-50
Wilmington, NC 28401

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 231 RELATED TO ESBWR DESIGN CERTIFICATION APPLICATION - ERRATA

Dear Mr. Brown:

In Letter No. 231 dated August 5, 2008, the staff issued RAIs 5.2-72, 5.4-61, 5.4-62, and 5.4-63 which were numbered incorrectly. Therefore, letter No. 231 has been revised with the correct numbers as follows; 5.2-74, 5.4-62, 5.4-63, 5.4-64 (see Enclosure 1).

Please correct your records accordingly.

If you have any questions or comments concerning this matter, you may contact me at 301-415-2375 or Leslie.Perkins@nrc.gov or you may contact Eric Oesterle at 301-415-135 or Eric.Oesterle@nrc.gov.

Sincerely,

/RA/

Leslie Perkins, Project Manager
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-010

Enclosure:
Request for Additional Information

cc: See next page

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/RA/

Leslie Perkins, Project Manager
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

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Enclosure:
Request for Additional Information

cc: See next page

ADAMS ACCESSION NO. ML082280083

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NAME	LPerkins	EOesterle	ACubbage-EOesterle for:
DATE	8/15/08	8/15/08	8/15/08

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SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 231 RELATED TO ESBWR DESIGN CERTIFICATION APPLICATION - ERRATA DATED AUGUST 15, 2008

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Requests for Additional Information (RAIs)
ESBWR Design Control Document (DCD), Revision 5

RAI Number	Reviewer	Question Summary	Full Text
5.4-62	Thomas G	Applicability of SRP Section 5.4.6	In DCD Tier 2, Table 1.9-5, Summary of Differences from SRP Section 5, SRP Section 5.4.6 is shown as "Not Applicable to ESBWR", but in DCD Tier 2, Table 1.9-20, NRC SRP and BTP Applicability, Section 5.4.6 is shown as "Applicable to ESBWR". SRP 5.4.6 Rev.4 (1996) is applicable to isolation condenser system (ICS) and hence Table 1.9-5 needs to be corrected to show that the SRP 5.4.6 is applicable to ESBWR.
5.2-74	Thomas G	SRV Capacity	During the June 17, 2008 meeting, GEH informed that the staff that the SRV capacity was increased in Rev.5, however the safety relief valve (SRV) capacities shown in DCD Tier 2, Table 5.2-2 are unchanged. Please clarify.
5.4-63	Thomas G	GDC-55	DCD Tier 2, Section 5.4.6-GDC 54, Piping systems penetrating containment, is deleted in DCD Rev. 5. ICS steam supply and condensate lines penetrate the containment. GDC-54 is applicable to the ICS as indicated in SRP Section 5.4.6 and hence should be included in the DCD.
5.4-64	Thomas G	ICS Process Diagram	In DCD Tier 2, Figure 5.4-4b, Isolation Condenser System Process Diagram, the cross-connection between the depressurization valve (DPV) and the ICS steam supply line is shown incorrectly. Correct the Figure to show the separation between the DPV and the ICS. Add British Units for all the process parameters in addition to the Metric Units.

Enclosure

DC GE - ESBWR Mailing List (Revised 08/13/2008)

cc:

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