

May 1, 2012

Mr. Jerald G. Head
Senior Vice President, Regulatory Affairs
GE Hitachi Nuclear Energy
3901 Castle Hayne Rd MC A-18
Wilmington, NC 28401

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 414 RELATED TO
ESBWR DESIGN CERTIFICATION APPLICATION (DCD) REVISION 9

Dear Mr. Head:

By letter dated August 24, 2005, GE Hitachi Nuclear Energy (GEH) 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 U.S. 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 as a result of the steam dryer audit conducted March 21 through 23, 2012. The staff's request for additional information is contained in the enclosure to this letter.

Pursuant to 10 CFR 2.390, we have determined that the enclosed RAIs contain proprietary information. We have prepared a non-proprietary version of the RAIs (Enclosure 1) that does not contain proprietary information. The proprietary information is indicated in brackets and underlined in Enclosure 2. We will delay placing this document in the public document room for a period of ten (10) working days from the date of this letter to provide you with the opportunity to comment on the proprietary aspects only. If you believe that any additional information in the enclosure is proprietary, please identify such information line by line and define the basis pursuant to the criteria of 10 CFR 2.390 before the public release date.

~~Enclosure 2 Contains Sensitive Proprietary Information~~

J. Head

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If you have any questions or comments concerning this matter, you may contact me at 301-415-6590 or via e-mail at David.Misenhimer@nrc.gov.

Sincerely,

/RA/

David Misenhimer, Project Manager
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-010

Enclosure:

1. Request for Additional Information (Non-Proprietary)
2. Request for Additional Information (Proprietary)

cc: See next page (w/o enclosure 2)

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ADAMS ACCESSION NO.: ML121180063 (Letter) ML121180054 (Pkg.) NRO-002

OFFICE	PM:NRO/DNRL/LB3
NAME	DMisenhimer
DATE	05/01/2012

OFFICIAL RECORD COPY

~~Enclosure 2 Contains Sensitive Proprietary Information~~

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(Revised 02/17/2012)

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