

BWR OWNERS' GROUP

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Proprietary Notice

This letter transmits GEH proprietary information in accordance with 10 CFR 2.390. Upon removal of Enclosure 2, the balance of the letter may be considered non-proprietary.

BWROG-12016

May 22, 2012

Project No. 691

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Mr. Joe Golla (NRC)

SUBJECT: Submittal of Batch 2 Responses to RAIs Associated with Boiling Water Reactor Owners' Group (BWROG) Licensing Topical Report NEDC-33608P, "Boiling Water Reactor Emergency Core Cooling Suction Strainer In-Vessel Downstream Effects"

REFERENCES:

1. NRC Letter dated August 2, 2010 from Mr. J. E. Dyer to Mr. Frederick P. Schiffley regarding waived review fees
2. BWROG Letter BWROG-10042 dated August 31, 2010, "BWROG ECCS Suction Strainer Issue Resolution Update"
3. BWROG Letter BWROG-11005 dated January 13, 2011, "Submittal of Boiling Water Reactor Owners' Group (BWROG) Licensing Topical Report, 'Boiling Water Reactor Emergency Core Cooling Suction Strainer In-Vessel Downstream Effects NEDC-33608P'"
4. BWROG Letter BWROG-12005 dated April 20, 2012, "Submittal of Batch 1 Responses to RAIs Associated with Boiling Water Reactor Owners' Group (BWROG) Licensing Topical Report NEDC-33608P, "Boiling Water Reactor Emergency Core Cooling Suction Strainer In-Vessel Downstream Effects"

Enclosed for your review is the second batch of responses (Batch 2) to the NRC requests for additional information (RAIs) associated with Licensing Topical Report (LTR) NEDC-33608P titled, "Boiling Water Reactor Emergency Core Cooling Suction Strainer In-Vessel Downstream Effects," from the BWROG Emergency Core Cooling System Suction Strainers (ECCS SS) Committee. The first batch of responses from the BWROG Emergency Core Cooling System

Suction Strainers (ECCS SS) Committee was submitted in Reference 4. Enclosure 1 provides the status of the entire set of RAIs.

Because the Batch 2 responses (Enclosure 2) contain GE Hitachi Nuclear Energy (GEH) proprietary information, we are also providing the attached affidavit (Enclosure 4) from GEH to support NRC review of the BWROG document. The proprietary information includes GEH loss-of-coolant accident (LOCA) analysis inputs and assumptions. GEH hereby requests that the information in Enclosure 2 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17. We have attached a redacted version (Enclosure 3) for public disclosure.

The BWROG requests the NRC staff to review the submittal in accordance with Reference 1. The overall ECCS Suction Strainer Project Plan Schedule is based on an NRC review and Safety Evaluation Report within nine months.

If you have any questions concerning this letter, please do not hesitate to contact me or Ed Asbury, BWROG Project Manager (910-819-7544).

Thank you.

A handwritten signature in black ink, appearing to read 'F. Schiffley II', with a horizontal line extending to the right from the end of the signature.

Frederick P. "Ted" Schiffley, II
Chairman
BWR Owners' Group

cc: J. Golla, NRC Project Manager
S. L. Scammon, BWROG ECCS SS Committee Chairman
C. J. Nichols, BWROG Program Manager
E. L. Asbury, BWROG ECCS SS Committee Project Manager
BWROG Primary Representatives

The following commitment is made in this letter and its attachments:

RAI-4,-35,-36b: Input from the project Source Term subcommittee will be used to define the amount and range of debris material mixtures (including chemical precipitates) as well as the debris / chemical precipitate addition procedures used in the fuels testing program.

Enclosures:

1. Status of Responses to RAIs Associated with Boiling Water Reactor Owners' Group (BWROG) Licensing Topical Report NEDC-33608P, "Boiling Water Reactor Emergency Core Cooling Suction Strainer In-Vessel Downstream Effects" – Non-Proprietary Information – Class I (Public)
2. Batch 2 Responses to RAIs Associated with LTR NEDC-33608P, "Boiling Water Reactor Emergency Core Cooling Suction Strainer In-Vessel Downstream Effects" – GEH Proprietary Information – Class III (Confidential)
3. Batch 2 Responses to RAIs Associated with LTR NEDC-33608P, "Boiling Water Reactor Emergency Core Cooling Suction Strainer In-Vessel Downstream Effects" – Non-Proprietary Information – Class I (Public)
4. Affidavit, dated May 2012

Document Components:

- 001 BWROG-12016 Cover Letter.pdf
- 002 BWROG-12016 Enclosure 1 Non-Proprietary.pdf
- 003 BWROG-12016 Enclosure 2 Proprietary.pdf
- 004 BWROG-12016 Enclosure 3 Non-Proprietary.pdf
- 005 BWROG-12016 Enclosure 4 Affidavit.pdf