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BWROG-16030
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Project No. 691

Mr. Timothy McGinty
Director, Division of Safety Systems
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: Withdrawal of NEDC-33608P – *Boiling Water Reactor Emergency Core Cooling Suction Strainer In-Vessel Downstream Effects (BWROG-11005)*, Submitted for NRC Staff Review on January 13, 2011

REFERENCES:

1. NRC Letter, ML080500540 dated April 10, 2008, from Mr. J.A. Grobe to Mr. Richard Anderson, *Potential Issues Related to Emergency Core Cooling Systems (ECCS) Strainer Performance at Boiling Water Reactors*
2. 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'"
3. BWROG Letter, BWROG-16008 dated July 13, 2016, "Submittal of Strategic Schedule to Support NEDC-33608P Review by NRC Staff"
4. NRC Letter, ML102290064 dated August 2, 2010, from Mr. J.E. Dyer to Mr. Frederick P. Schiffley, regarding waiver of NRC review fees in accordance with 10 CFR 170.11(a)(1)(ii)

Dear Mr. McGinty:

In response to NRC Letter ML080500540 dated April 10, 2008 (Reference 1), the BWR Owners' Group (BWROG) developed a comprehensive plan and approach for responding to NRC Staff questions. A portion of the BWROG response plan was associated with a deterministic engineering evaluation of potential in-vessel downstream effects. The proposed BWROG approach for deterministic testing of fuel assemblies was submitted

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on January 13, 2011, NEDC-33608P - *Boiling Water Reactor Emergency Core Cooling Suction Strainer In-Vessel Downstream Effects* (BWROG-11005), (Reference 2).

NRC review activities regarding NEDC-33608P have been mutually beneficial, and have advanced the BWROG's knowledge base with respect to in-vessel downstream effects.

Based on this improved knowledge, the BWROG has transitioned from a deterministic to a probabilistic technical approach regarding the NRC question associated with in-vessel downstream effects. As a result, the BWROG withdraws NEDC-33608P from NRC review. Also included with the withdrawal of NEDC-33608P, is the withdrawal of the strategic plan associated with its review (Reference 3).

While the viewpoint described above represents the intent of all BWROG members, this letter should not be considered a commitment on the part of any specific licensee.

We look forward to continued interaction regarding the ECCS Suction Strainer project.

Respectfully,

A handwritten signature in black ink that reads "Lesa P. Hill". The signature is written in a cursive, flowing style.

Lesa P. Hill
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cc: J. J. Drake, US NRC Project Manager
BWROG Executive Committee
BWROG General Committee
BWROG ECCS SS Committee
BWROG ECCS SS Risk-Informed Solutions Committee
M. A. Iannantuono, BWROG Program Manager