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Attention: J. S. Wermiel, Chief  
Reactor Systems Branch  
Division of Systems Safety and Analysis

Our ref: LTR-NRC-05-6

February 1, 2005

Subject: Response to NRC Questions on WCAP-8963-P-A, Addendum 1 / WCAP-8964-A, Addendum 1, "Safety Analysis for the Revised Fuel Rod Internal Pressure Design Basis, (Departure from Nucleate Boiling Mechanistic Propagation Methodology)," for NRC Review and Approval (Proprietary/Non-Proprietary)

Dear Mr. Wermiel:

Enclosed is the response to NRC's questions on WCAP-8963-P-A, Addendum 1 / WCAP-8964-A, Addendum 1, "Safety Analysis for the Revised Fuel Rod Internal Pressure Design Basis, (Departure from Nucleate Boiling Mechanistic Propagation Methodology)," for NRC Review and Approval.

In August 2003, Westinghouse submitted Addendum 1 to WCAP-8963-P-A which addressed adopting, without change, the mechanistic approach to DNB propagation for Westinghouse NSSS fuel designs that had been reviewed and approved by the NRC in CEN-372-P-A for CE-NSSS fuel designs.

As part of the demonstration that the mechanistic approach was applicable to Westinghouse NSSS fuel designs with the same limit that had been approved for the CE-NSSS fuel designs, the topical included a discussion on "burst".

Based on a continued discussions with the NRC staff, Westinghouse is proposing to modify the existing topical to clarify its position. Therefore, Westinghouse is providing revision 1 to the previously submitted topical.

This submittal contains proprietary information of Westinghouse Electric Company, LLC. In conformance with the requirements of 10 CFR Section 2.390, as amended, of the Commission's regulations, the previously submitted Application for Withholding from Public Disclosure and affidavit (AW-03-1684) remain in effect. The affidavit sets forth the basis on which the information identified as proprietary may be withheld from public disclosure by the Commission.

Correspondence with respect to this affidavit or Application for Withholding should reference AW-03-1684 and should be addressed to J. A. Gresham, Manager, Regulatory Compliance and Plant Licensing, Westinghouse Electric Company LLC, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Thomas Rodack'.

T. Rodack, Director  
Quality & Licensing Programs

Enclosures

cc: B. Benney, NRR  
F. Akstulewicz, NRR  
S. Wu, NRR

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