



Westinghouse
Electric Corporation

Energy Systems

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NSD-NRC-97-5078
DCP/NRC0822
Docket No.: STN-52-003

April 21, 1997

Instrument Control Desk
Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: T. R. QUAY

SUBJECT: OUTPUT FOR EX-VESSEL FUEL COOLANT INTERACTIONS ANALYSIS
FOR AP600

Mr. Quay:

Enclosure 1 provides the TEXAS-V code information that was requested by the NRC in their letter of March 21, 1997. The staff requested Westinghouse provide the following plots vs. time from the TEXAS code: pressure load, impulse load, melt-volume fraction, and void fraction. Note that we do not have the code capability of plotting from the TEXAS code, however, the requested information is provided in TEXAS code output tabular form.

Enclosure 1 contains Westinghouse Proprietary information.

Enclosure 2 is a nonproprietary version of Enclosure 1.

Enclosure 3 contains a summary of this information, closes from the Westinghouse perspective, OITS number 5228. The staff should review the enclosure and inform Westinghouse of the status to be designated in the "NRC Action" column of the OITS.

Westinghouse Electric Corporation copyright notice, proprietary information notice, application for patent, and affidavit are attached.

Enclosure 4 contains Westinghouse proprietary information consisting of trade secrets, commercial information or financial information which we consider privileged or confidential pursuant to 10 CFR 2.790. Therefore, it is requested that the Westinghouse proprietary information attached hereto be handled on a confidential basis and be withheld from public disclosures.

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Office of Nuclear Regulatory Research and the necessary subcontractors that have signed a proprietary non-disclosure agreement with Westinghouse without the express written approval of Westinghouse.

Correspondence with respect to the application for withholding should reference AW-97-1097, and should be addressed to B. A. McIntyre, Manager of Advanced Plant Safety and Licensing, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania, 15230-0355.

Please contact Cynthia L. Haag on (412) 374-4277 if you have any questions concerning this transmittal.



Brian A. McIntyre, Manager
Advanced Plant Safety and Licensing

Enclosures

- J. Sebrosky, NRC (1 copy Enclosure 1)
- N. J. Liparulo, Westinghouse (w/o Enclosures)

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