



Westinghouse  
Electric Corporation

Water Reactor  
Divisions

Nuclear Technology Division

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November 12, 1982

Dr. Cecil O. Thomas, Chief  
Special Projects Branch  
Division of Project Management  
U.S. Nuclear Regulatory Commission  
Phillips Building  
7920 Norfolk Avenue  
Bethesda, Maryland 20814

Subject: New Small Break LOCA Model to Address NUREG-0737, Item II.K.3.30

Dear Dr. Thomas:

Reference: Westinghouse letter, E. P. Rahe to D. G. Eisenhut,  
NS-EPR-2617, dated June 28, 1982.

Enclosed are twenty-five (25) copies of the Westinghouse Topical Report,  
"NOTRUMP: A NODAL TRANSIENT SMALL BREAK AND GENERAL NETWORK CODE," WCAP-  
10079, (Proprietary).

Also enclosed are:

1. One (1) copy of Application for Withholding (Non-Proprietary).
2. One (1) copy of original affidavit (Non-Proprietary).
3. One (1) copy of an attachment describing additional plant information (non-proprietary) requested by J. Guttman (RSB) to assist Argonne National Laboratory in their technical review of the Westinghouse Small Break ECCS Evaluation Model.

The enclosed technical report is submitted for NRC review and approval. The report describes the NOTRUMP computer code that is the basis for the new Westinghouse small break LOCA model to address NUREG-0737, Item II.K.3.30. This material is submitted as a part of our commitment in the reference letter whereby Westinghouse would submit reports of a new small break LOCA model to address NUREG-0737, Item II.K.3.30 by November 15, 1982.

Westinghouse presently is in the final stages of applying the NOTRUMP code to the small break LOCA transient. The results of this application will be reported in a topical report entitled, "Westinghouse Small Break ECCS Evaluation Model Using the NOTRUMP Code," WCAP-10054. Draft portions of this report were submitted with the reference letter. It is our goal to finalize the application of NOTRUMP to the small break LOCA transient and submit the final report of WCAP-10054 by December 31, 1982. Further, Westinghouse would submit a complementary

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report describing the new small break model applicable to Westinghouse reloads of Combustion Engineering Design Nuclear Steam Supply Systems by May 1, 1982.

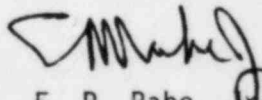
If you have any questions on the topical report or additional plant information, please contact either Dr. F. F. Cadek (412) 373-4720 or Mr. B. A. McIntyre (412) 373-5506.

Note that at this time, only the proprietary version of this topical report, appropriately bracketed to identify proprietary information, has been provided. This is consistent with the guidelines given in NUREG-0390, Vol. 6, No. 1 "Topical Report Review Status". Westinghouse will submit a corresponding non-proprietary version upon receipt of an NRC acceptance letter and SER, and/or when the licensing topical report is referenced in a specific license application in accordance with NUREG-0390.

This submittal contains proprietary information of Westinghouse Electric Corporation. In conformance with the requirements of 10CFR2.790, as amended, of the Commission's regulations, we are enclosing with this submittal, an application for withholding from public disclosure and an affidavit. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission.

Correspondence with respect to the affidavit or application for withholding should reference AW-82-65 and should be addressed to R. A. Wiesemann, Manager of Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania 15230.

Very truly yours,



E. P. Rahe, *E.P.*, Manager  
Nuclear Safety Department

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Enclosures