



REISSUED

Westinghouse
Electric Corporation

Water Reactor
Divisions

Box 355
Pittsburgh Pennsylvania 15230

SED-THTA-402
NS-EPR-2913

May 22, 1984

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

Reference: NS-EPR-2783

SUBJECT: WCAP 9561-P-A "BART A1: A Computer Code for the
Best Estimate Analysis of Reflood Transients"

Dear Dr. Thomas:

Enclosed are:

1. Twenty-two (22) copies of the Westinghouse Topical Report, "BART A1: A Computer Code for the Best Estimate Analysis of Reflood Transients", WCAP-9561-P-A (Proprietary)
2. Twelve (12) copies of the Westinghouse Topical Report, "BART A1: A Computer Code for the Best Estimate Analysis of Reflood Transients", WCAP-9695-A (Non-Proprietary)

Also enclosed are:

1. One copy of Application for Withholding (Non-Proprietary)
2. One copy of original affidavit (Non-Proprietary)

The enclosed report describes a new reflood model (BART) which was recently approved for use in large break LOCA analysis in conformance with 10CFR50, Appendix K. The subject matter includes detailed technical descriptions, verification, a description of the application of BART to LOCA analysis, and documents the results of the NRC review.

Copies of this report are being sent under separate cover to D. L. Langford of Reactor Systems Branch to aid in the ongoing review of the BASH code (see reference 1). If you have any questions on the topical report, please contact either Dr. F. F. Cadek 412/374-4720 or Mr. M. Y. Young 412/374-5081.

*Rec'd
4/27/84*
Two Rds
TOO 9-1/21 Prop WCAP 9561-P-A

*TOO 6 NP
1/23 WCAP-9695-A*

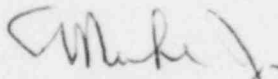
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This submittal contains proprietary information of Westinghouse Electric Corporation. In conformance with the requirements of 10CFR2.790, as amended, of the Commission's regulations, we are enclosing with this submittal, an application for withholding 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-84-45 and should be addressed to R. A. Wieseemann, Manager of Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P. O. Box 355, Pittsburgh, Pennsylvania 15230.

Very truly yours,



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

MYV/mhs

Enclosures

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bcc: M. M. Shrut - MNC 412
M. Y. Young - MNC 423
R. G. Saint-Paul - Brussels
J. Cobian - Madrid
J. M. Moore - PC/3-600
I. Consales - MNC 209
P. J. Docherty - Bethesda