



SED-THTA-226  
NS-EPR-2783

Westinghouse  
Electric Corporation

Water Reactor  
Divisions

Nuclear Technology Division  
Box 355  
Pittsburgh Pennsylvania 15230

June 20, 1983

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: BASH: Large Break LOCA Analysis Model

Dear Dr. Thomas:

Enclosed are

1. Forty (40) copies of the Westinghouse Topical Report, "BASH: An Integrated Core and RCS Reflood Code for Analysis of PWR Loss of Coolant Accidents," WCAP-10266 (Proprietary)
2. Twenty (20) copies of the Westinghouse Topical Report, "BASH: An Integrated Core and RCS Reflood Code for Analysis of PWR Loss of Coolant Accidents," WCAP-10337 (Non-Proprietary)

Also enclosed are

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

The enclosed technical report is submitted for NRC review and approval. The report describes a new reflood model (BASH) which will be used to perform large break LOCA analysis in conformance with 10CFR-50, Appendix K. The subject matter includes detailed technical descriptions, verification, and a description of the application of BASH to LOCA analysis.

If you have any questions on the topical report, please contact either Dr. F. F. Cadec 412/374-4720 or Mr. M. Y. Young 412/374-5081.

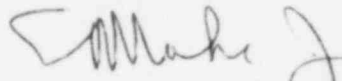
*Two Rids  
1007- 1/40 Prop  
1006- 1/20 NP*

SED-THTA-226  
NS-EPR-2783  
June 20, 1983  
Page 2

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-83-47 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,

A handwritten signature in dark ink, appearing to read "E. P. Rahe, Jr.", with a stylized flourish at the end.

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

EPR/ngm

Enclosures

SED-THTA-226  
NS-EPR-2783  
June 20, 1983  
Page 3

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  
E. T. Murphy - Bethesda