



Westinghouse  
Electric Corporation

Power Systems

Box 355  
Pittsburgh Pennsylvania 15230-0355

NS-NRC-87-3216  
SED-THA-87-048  
April 7, 1987

Mr. James Lyons, Chief  
Technical and Operations Support Branch  
Office of Nuclear Reactor Regulations  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Document Control Desk

Attention: Mr. Wayne Hodges  
Reactor Systems Branch  
Division of PWR Licensing-A

Subject: Westinghouse Large Break LOCA Best Estimate  
Methodology, WCAP-10924, Volume 2

Dear Mr. Lyons:

Enclosed are six (6) copies of the Westinghouse Topical Report,  
"Westinghouse Large Break LOCA Best Estimate Methodology, Volume 2:  
Application to Two Loop PWR's Equipped with Upper Plenum Injection."

Also enclosed is one (1) copy of Application for Withholding  
(Non-Proprietary).

The enclosed technical report is submitted for NRC review and  
approval. The report describes the application of the large break  
LOCA best estimate methodology to Westinghouse pressurized water  
reactors equipped with upper plenum injection systems. Also, Northern  
States Power is preparing to submit a Reload Safety Evaluation of  
Prairie Island Unit 2 this year. This evaluation will use the  
Westinghouse Large Break LOCA Best Estimate Methodology. A timely  
review of the submitted report is needed to support an anticipated  
start-up of Prairie Island, Unit 2 early in 1988.

If you have any questions on the topical report, please contact either  
Dr. L. E. Hochreiter (412) 374-5158 or Mr. M. Y. Young (412) 374-5081.

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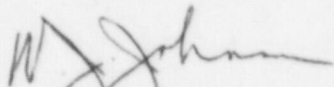
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Note that at this time, only the proprietary version of this topical report, appropriately bracketed to identify proprietary information, has been provided. This is consistent with the guidelines given in NUREG-0390, Vol. 6, No. 1, "Topical Report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

This submittal contains Westinghouse proprietary information of trade secrets, commercial, or financial information which we consider privileged or confidential pursuant to 10CFR9.5 (4). Therefore, it is requested that the Westinghouse proprietary information attached hereto be handled on a confidential basis and be withheld from public disclosure.

This material is for your internal use only and may be used only for the purpose for which it is submitted. It should not be otherwise used, disclosed, duplicated or disseminated, in whole or in part, to any other person or organization outside the U.S. Nuclear Regulatory Commission and SANDIA National Laboratory without the prior written approval of Westinghouse. Correspondence with respect to the application for withholding should reference AW-87-032, and should be addressed to R. A. Wiesemann, Manager of Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

Very truly yours,



W. J. Johnson, Manager  
Nuclear Safety Department

MYJ:sm

Enclosure(s)

cc: T. Novak  
R. Lobel  
J. Wilson