



Westinghouse  
Electric Corporation

Energy Systems

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NTD-NRC-95-4569  
DCP/NRC0415  
Docket No.: STN-52-003

September 28, 1995

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

ATTENTION: T. R. QUAY

SUBJECT: **IN-VESSEL COOLABILITY AND RETENTION OF A CORE MELT  
REPORT**

Dear Mr. Quay:

Enclosure 1 to this letter is a copy of the DOE-supported Advanced Reactor Severe Accident Program report entitled "In-Vessel Coolability and Retention of a Core Melt" (DOE/IE-10460, July 1995). This report is being transmitted for NRC staff review in support of the AP600 in-vessel retention (IVR) topic.

Westinghouse would like to meet with the staff to establish mutual agreement on what specific issues pertaining to IVR and ex-vessel steam explosion remain to be resolved and what specific criteria will be used by the staff in making their determination.

Enclosure 2 contains the Westinghouse response to follow-on questions related to IVR.

Cindy Haag will contact Mike Franovich to arrange the meeting to reach agreement on what actions are necessary for IVR resolution.

Please contact me on (412) 374-4334 if you have any questions concerning this transmittal.

Brian A. McIntyre, Manager  
Advanced Plant Safety and Licensing

/nja

Enclosure

cc: M. Franovich, NRC (w/o enclosure)  
J. Kudrick, NRC (w/o enclosure)  
N. J. Liparulo, Westinghouse (w/o enclosure)

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**Enclosure 1 to Westinghouse  
Letter NTD-NRC-95-4569**

**September 28, 1995**