

Westinghouse Electric Corporation **Energy Systems**

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NSD-NRC-96-4771 DCP/NRC0553 Docket No.: STN-52-003

July 23, 1996

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

ATTENTION

T. R. QUAY

SUBJECT:

LOWER HEAD INTEGRITY UNDER IN-VESSEL STEAM EXPLOSION

LOADS REPORT

Dear Mr. Quay:

Enclosed with this letter is a copy of the DOE-supported Advanced Reactor Severe Accident Program report entitled "Lower Head Integrity Under In-Vessel Steam Explosion Loads" (DOE/IE-10541, Peer Review Version: June 1996).

This report is being transmitted for NRC staff review is support of the AP600 in-vessel retention (IVR) topic. Westinghouse expects the NRC staff to review the report and provide feedback to Westinghouse. A meeting between Westinghouse and NRC will be scheduled to discuss the NRC comments.

Please contact Cynthia L. Haag on (412) 374-4277 if you have any questions concerning this transmittal.

Brian A McIntyre, Manager

Advanced Plant Safety and Licensing

/nja

Enclosure

cc:

J. Sebrosky, NRC (without enclosure)

D. Jackson, NRC (enclosure)

N. Dudley, NRC ACRS (enclosure)

N. Liparulo, Westinghouse (without enclosure)

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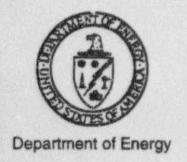
ADD: TH Quay

Earl

DOE/ID-10541 June 1996

LOWER HEAD INTEGRITY UNDER IN-VESSEL STEAM EXPLOSION LOADS

T. G. Theofanous, W. W. Yuen, S. Angelini J.J. Sienicki, K. Freeman, X. Chen, T. Salmassi



Advanced Reactor Severe Accident Program