



Westinghouse
Electric Corporation

Energy Systems

Box 355
Pittsburgh Pennsylvania 15230-0355

NSD-NRC-96-4658
DCP/NRC0472
Docket No.: STN-52-003

March 5, 1996

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

ATTENTION: T. R. QUAY

SUBJECT: ADVERSE SYSTEMS INTERACTION

Dear Mr. Quay:

Enclosed is a copy of WCAP-14477, The AP600 Adverse System Interactions Evaluation Report. This report provides an evaluation of potential adverse systems interactions. The requirement for this evaluation was identified during discussions between Westinghouse and the NRC staff on issues related to the regulatory treatment of nonsafety system (RTNSS). In addition, this report is a portion of the response to a number of requests for additional information, commonly referred to as Hsii items, from the Reactor Systems Branch. Five copies of the report are being provided to T. Kenyon.

If you have any questions, please contact D. A. Lindgren at (412) 374-4856.

Brian A. McIntyre, Manager
Advanced Plant Safety and Licensing

/nja

Enclosures

cc: T. Kenyon, NRC (5 enclosures)
N. J. Liparulo, Westinghouse (w/o Enclosures)

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