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NTD-NRC-95-4472
DCP/NRC0334
Docket No.: STN-52-003

May 31, 1995

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

ATTENTION: T. R. QUAY

SUBJECT: **AP600 THERMAL/HYDRAULIC UNCERTAINTY DELIVERABLES
FOR TASKS 2 AND 3**

Dear Mr. Quay:

The AP600 thermal/hydraulic uncertainty evaluation (often referred to as passive system reliability), as presented in the AP600 Thermal/Hydraulic Uncertainty Task and Milestone Description report (Westinghouse letter to NRC dated May 8, 1995, NTD-NRC-95-4455), outlined the 10 steps to resolving this issue. Enclosed are the two deliverables that Westinghouse is to provide to the NRC by June 1, 1995. Specifically, the draft enclosures include the following items:

- Enclosure 1 "Assessing the Impact of Thermal/Hydraulic Uncertainty on the Results of the AP600 PRA" This enclosure pertains to Task 2. It discusses the approach for addressing T/H uncertainty and provides a description and example of the binning process that will be used to reduce the number of sequences that must be examined.
- Enclosure 2 "MAAP4 Analysis to Support Success Criteria" This enclosure pertains to Task 3. As discussed at the meeting with NRC on March 30, 1995, this task includes incorporating comments received on March 17, 1995 from the NRC on Appendix A of Revision 2 of the AP600 PRA, and reorganizes the information in the appendix that will make the presentation of the success criteria more systematic.

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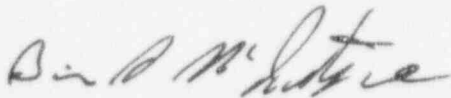
NTD-NRC-95-4472
DCP/NRC0334

-2-

May 31, 1995

Per the schedule outlined in the Westinghouse letter dated May 8, 1995, the NRC is to review and provide all comments to Westinghouse on the enclosures by June 15, 1995.

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



Nicholas J. Liparulo, Manager
Nuclear Safety Regulatory and Licensing Activities

/nja

Enclosures

cc: J. Donohew, NRC
B. A. McIntyre, Westinghouse