



Westinghouse
Electric Corporation

Energy Systems

Box 355
Pittsburgh Pennsylvania 15230-0355

NTD-NRC-95-4398
DCP/NRC0269
Docket No.: STN-52-003

January 31, 1995

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

ATTENTION: R. W. BORCHARDT

SUBJECT: REVISION 2 OF THE AP600 PROBABILISTIC RISK ASSESSMENT

Dear Mr. Borchardt:

Enclosed is Revision 2 of the AP600 Probabilistic Risk Assessment (PRA) Report. Revision 2 contains a complete requantification of the Level 1 PRA submitted as part of the June 26, 1992 application for a final design approval of the AP600 Standard Plant Design. The amount of proprietary information has been significantly reduced. Two sets of the Revision 2 PRA have been sent to Mr. Tom Kenyon. Additionally, per the request of Mr. Kenyon, one copy has been shipped directly to Mr. Nathan Siu at INEL. The remaining copies are being printed and will be shipped within a week.

Revision 2 of the PRA report contains an update of the at-power Level 1 PRA. The documentation includes the initiating event, event tree, and system fault tree evaluations. However, as discussed with Mr. Russell and Mr. Butcher, the revision does not include chapters on the instrumentation and control systems or the chapter with the narrative discussion of the detailed results and key insights. This information will be submitted on February 28, 1995. Westinghouse is currently evaluating the conditional human error probability calculations in support of DSER open item 19.1.3.1-17. The results of this evaluation will be included, along with the Level 2 and Level 3 PRA requantification based on the Revision 2 Level 1 PRA results, in the February 28, 1995, submittal.

The shutdown, internal flood, importance calculations and the focused PRA sensitivity study will be submitted by March 31, 1995.

The Westinghouse Electric Corporation copyright notice, proprietary information notice, application for withholding and affidavit are attached.

This submittal contains Westinghouse proprietary information consisting of trade secrets, commercial information or financial information which we consider privileged or confidential pursuant to 10CFR9.17(a)(4). Therefore, it is requested that the Westinghouse proprietary information attached hereto be handled on a confidential basis and be withheld from public disclosures.

9502060065 950131
PDR ADOCK 05200003
A PDR

2260A

change: NRC PDR

Mr. Encl.
1 w/out
Prop Encl.

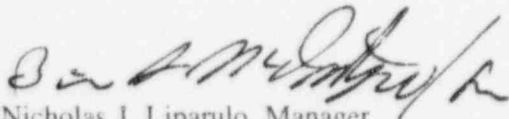
EPD4

January 31, 1995

This material is for your internal use only and may be used 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 Commission, the Office of Nuclear Reactor Regulation, the Office of Nuclear Regulatory Research and the necessary subcontractors that have signed a proprietary non-disclosure agreement with Westinghouse without the express written approval of Westinghouse.

Correspondence with respect to the application for withholding should reference AW-95-776, and should be addressed to N. J. Liparulo, Manager of Nuclear Safety Regulatory and Licensing Activities, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania, 15230-0355.

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: R. Hasselberg, NRC (w/o enclosures)
E. Butcher, NRC
B. A. McIntyre, Westinghouse

COPYRIGHT NOTICE

The reports transmitted herewith each bear a Westinghouse copyright notice. The NRC is permitted to make the number of copies of the information contained in these reports which are necessary for its internal use in connection with generic and plant-specific reviews and approvals as well as the issuance, denial, amendment, transfer, renewal, modification, suspension, revocation, or violation of a license, permit, order, or regulation subject to the requirements of 10 CFR 2.790 regarding restrictions on public disclosure to the extent such information has been identified as proprietary by Westinghouse, copyright protection notwithstanding. With respect to the non-proprietary versions of these reports, the NRC is permitted to make the number of copies beyond those necessary for its internal use which are necessary in order to have one copy available for public viewing in the appropriate docket files in the public document room in Washington, D.C. and in local public document rooms as may be required by NRC regulations if the number of copies submitted is insufficient for this purpose. Copies made by the NRC must include the copyright notice in all instances and the proprietary notice if the original was identified as proprietary.

PROPRIETARY INFORMATION NOTICE

Transmitted herewith are proprietary and/or non-proprietary versions of documents furnished to the NRC in connection with requests for generic and/or plant specific review and approval.

In order to conform to the requirements of 10 CFR 2.790 of the Commission's regulations concerning the protection of proprietary information so submitted to the NRC, the information which is proprietary in the proprietary versions is contained within brackets, and where the proprietary information has been deleted in the non-proprietary versions, only the brackets remain (the information that was contained within the brackets in the proprietary versions having been deleted). The justification for claiming the information so designated as proprietary is indicated in both versions by means of lower case letters (a) through (f) contained within parentheses located as a superscript immediately following the brackets enclosing each item of information being identified as proprietary or in the margin opposite such information. These lower case letters refer to the types of information Westinghouse customarily holds in confidence identified in Section (4)(ii)(a) through (4)(ii)(f) of the affidavit accompanying this transmittal pursuant to 10 CFR 2.790(b)(1).