

Westinghouse
Electric Corporation

Energy Systems

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NTD-NRC-95-4418
DCP/NRC0288
Docket No.: STN-52-003

March 15, 1995

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

ATTENTION: R. W. BORCHARDT

SUBJECT: ADVANCE COPY OF REVISION 3 CHAPTERS OF THE AP600
PROBABILISTIC RISK ASSESSMENT

Dear Mr. Borchardt:

To expedite the NRC AP600 Design Certification review, Enclosure 1 is an advance copy of several chapters of Revision 3 of the AP600 Probabilistic Risk Assessment (PRA) Report. The enclosure contains an evaluation of conditional human error probability calculations in support of DSER open item 19.1.3.1-17, a complete requantification of the Level 1 PRA to include the conditional human error probabilities, and a requantification of the Level 2 and 3 PRA based on the Level 1 PRA results. Revision 3 will also contain the instrumentation and control system chapters and the results chapter. The enclosure is in the form of replacement pages for the Level 1 PRA chapters and in the form of new chapters for the Level 2 and 3 PRA. Included with each set are change page instructions. Four sets of this advance copy of Revision 3 to the PRA have been sent to Mr. Tom Kenyon.

Enclosure 2 of this letter is revision 1 of WCAP-13275, AP600 Probabilistic Risk Assessment Fault Trees. This WCAP contains the at-power conditions fault trees used in Revisions 2 and 3 of the AP600 PRA. Ten copies of WCAP-13275 have been sent to Mr. Tom Kenyon.

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

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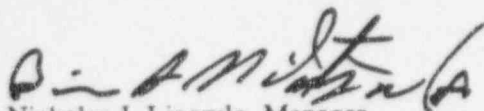
NTD-NRC-95-4418
DCP/NRC0288

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March 15, 1995

Correspondence with respect to the application for withholding should reference AW-95-789, 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 (w/o enclosures)
B. A. McIntyre, Westinghouse

AP600 DOCUMENT COVER SHEET

Form 58202G(5/94) [t:\xxxx.wpt:1x]

AP600 CENTRAL FILE USE ONLY:

TDC: _____ IDS: I _____ S _____

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RFS#:

RFS ITEM #:

AP600 DOCUMENT NO. GW GL 023	REVISION NO. 1	Page 1 of 1	ASSIGNED TO N/A
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ALTERNATE DOCUMENT NUMBER:

WORK BREAKDOWN #: 3.1.2

DESIGN AGENT ORGANIZATION: Westinghouse (WCAP-13275)

TITLE: AP600 Probabilistic Risk Assessment Fault Trees

ATTACHMENTS:

DCP #/REV. INCORPORATED IN THIS DOCUMENT
REVISION:

CALCULATION/ANALYSIS REFERENCE:

ELECTRONIC FILENAME	ELECTRONIC FILE FORMAT	ELECTRONIC FILE DESCRIPTION
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ORIGINATOR C. L. Haag	SIGNATURE/DATE <i>C. L. Haag</i> 3-14-95	
AP600 RESPONSIBLE MANAGER B. A. McIntyre	SIGNATURE <i>B. A. McIntyre</i>	APPROVAL DATE 3-14-95

*Approval of the responsible manager signifies that document is complete, all required reviews are complete, electronic file is attached and document is released for use.

Form 58202G(5/94)

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