

June 2, 1994

Docket No. 52-003

MEMORANDUM FOR: R. W. Borchardt, Director
Standardization Project Directorate
Associate Directorate for Advanced Reactors
and License Renewal, NRR

FROM: Thomas J. Kenyon, Project Manager
Standardization Project Directorate
Associate Directorate for Advanced Reactors
and License Renewal, NRR

SUBJECT: NOTICE OF MEETING WITH WESTINGHOUSE TO DISCUSS THE PROBABILISTIC RISK ASSESSMENT (PRA) FOR THE DESIGN OF THE AP600

DATE AND TIME: June 14, 1994 (8:30 a.m. - 5 p.m.)

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852
Room 4-B-11

PURPOSE: To discuss the human reliability, containment bypass, and shutdown risks associated with the PRA for the design of the AP600. See enclosed agenda.

PARTICIPANTS*: NRC Westinghouse

A. El-Bassioni J. Weiseman
M. Pohida A. Sterdis, et al.
N. Saltos
T. Kenyon, et al.

original signed by: Thomas J. Kenyon
Thomas J. Kenyon, Project Manager
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Enclosure:
Agenda

cc w/enclosure: 9406080144 940602
See next page PDR ADDCK 05200003
A PDR

*Meetings between NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, intervenors, or other parties to attend as observers pursuant to the "Open Meetings and Statement of NRC Staff Policy," 43 Federal Register 20858, June 28, 1978. However, portions of this meeting may be closed to protect Westinghouse proprietary information. Members of the public who wish to attend should contact me at (301) 504-1120.

DISTRIBUTION:

Docket File	PDST R/F	RBorchardt	RArchitzel
PDR	PShea	TKenyon	KShembarger
FHasselberg	ACHaffee, EAB	JMoore, 15B18	EJordan, MNBB3701
WDean, 017G21	OPA	NRR Mailroom	ACRS (11) (w/o encl)
JBongarra, 010D24	REckenrode, 010D24	CHoxie, 08H7	JKudrick, 08H7
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QFC	LA:PDST	PM:PDST	SC:PDST
NAME	PShea	KShembarger:sg	RArchitzel
DATE	05/17/94	05/17/94	05/17/94

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Westinghouse Electric Corporation

Docket No. 52-003

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PRA MEETING AGENDA
JUNE 14, 1994

- Introduction
- Human Reliability Assessment
 - development of human error probabilities
 - operator actions
 - SRO/STA functional relationship
 - use of THERP
 - ITAAC on operator misdiagnosis
 - compliance w/WCAP-12699
 - dependency treatment
 - external events
 - role of the operator in digital control rooms
 - instrumentation
 - diagnosis of events
 - residual time due to stress levels
- Shutdown Risk
 - maintenance unavailabilities during shutdown
 - loss of NRHR and the loss of NRHR support systems during shutdown
 - overdraining the reactor vessel during reduced inventory conditions
 - shutdown HEPs
- Containment Bypass
- Passive System Reliability
- Conclusions

Enclosure