

July 1, 1994

MEMORANDUM FOR: R. W. Borchardt, Director
Standardization Project Directorate
Associate Directorate for Advanced Reactors
and License Renewal
Office of Nuclear Reactor Regulation

FROM: Thomas J. Kenyon, Project Manager
Standardization Project Directorate
Associate Directorate for Advanced Reactors
and License Renewal
Office of Nuclear Reactor Regulation

SUBJECT: NOTICE OF ROSA PROGRAM REVIEW MEETING

DATE AND TIME: July 13 and 14, 1994
8:30 a.m. - 5 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
Two White Flint North
11555 Rockville Pike
Rockville, Maryland 20852
Room T6 A1

PURPOSE: To discuss the status of testing program at the ROSA
facility. See enclosed agenda.

PARTICIPANTS*: NRC Westinghouse
L. Shotkin L. Hochreiter
G. Rhee, et al.

Original signed by
Thomas J. Kenyon, Project Manager
Standardization Project Directorate
Associate Directorate for Advanced Reactors
and License Renewal
Office of Nuclear Reactor Regulation

*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.

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PShaw TKenyon:sp RArchitzel
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ACRS (11) w/o encl.

LShotkin

GRhee

NRR Mailroom, 12G18



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

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A handwritten signature in cursive script, appearing to read "T. J. Kenyon".

Thomas J. Kenyon, Project Manager
Standardization Project Directorate
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ROSA/AP600 PROGRAM REVIEW MEETING
AGENDA

July 13, 1994

8:30	Introduction	NRC
8:45	Modified ROSA/AP600 Test Facility	R. Shaw, INEL/JAERI
	- Hardware Features	
	- Instrumentation	
	- DAS and Post-Test Data Processing	
9:45	ROSA/AP600 Facility Scaling Review	
	- Scaling Principles used in ROSA	T. Boucher, INEL
	- Scaling and Geometric Distortions	T. Boucher, INEL
	- Methodology for Application to AP600	G. Rhee, NRC
10:30	Break	
10:45	Facility Characterization Test Results	JAERI/R. Shaw
12:00	Lunch	
13:00	Shakedown and First Three Test Results	JAERI/R. Shaw
	- Thermal Stratification in CMT, IRWST, Loop, and Vessel	
	- IRWST Loading Data	
	- CMT Drain	
	- Pressure Oscillations Associated with Condensation	
	- Other Phenomena	
15:00	Break	
15:15	Test Results (Continued)	JAERI/R. Shaw
16:00	Plans for Futures Tests	JAERI
17:00	Adjourn	

ROSA/AP600 PROGRAM REVIEW MEETING
AGENDA
(continued)

July 14, 1994

8:30	RELAP5 Modeling	R. Schultz, INEL
9:30	RELAP5/MOD3	
	- Facility Characterization Tests (40 minutes)	R. Schultz, INEL
	- Facility Shakedown Tests (20 minutes)	R. Schultz, INEL
10:30	Break	
10:45	RELAP5/MOD3 Analyses (Continued)	
	- First Test (1" CLB) (20 min.)	R. Schultz, INEL
	- Second Test (Inadv. ADS 1) (20 min.)	R. Schultz, INEL
	- Third Test (1/2" CLB) (20 min.)	R. Schultz, INEL
	- Fourth Test (2" PBL Break) (20 min.)	M. Rubin, NRC/RES
12:05	Lunch	
13:05	Counterpart Test Conditions for ROSA, SPES, and OSU Tests	R. Schultz, INEL
	- Break Orientation and Geometry	
	- Core Power	
	- Reactor Coolant Pump Speed	
	- Initial and Boundary Conditions	
	- Trace Heating	
	- Nitrogen	
	- Others	
14:00	Comparison among ROSA/SPES Tests and AP600 Calculations	
	- Comparison between ROSA and SPES Tests and Calculations	M. Ortiz, INEL
	- Comparison between ROSA Tests and Calculations and AP600 Calc.	R. Schultz, INEL
15:00	Break	
15:15	Discussion	
17:00	Adjourn	