

March 7, 1994

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

FROM: Kristine M. Shembarger, Project Manager  
 Standardization Project Directorate  
 Associate Directorate for Advanced Reactors  
 and License Renewal, NRR

SUBJECT: NOTICE OF AUDIT OF WESTINGHOUSE PIPING DESIGN CRITERIA AND  
 SAMPLE ANALYSIS FOR THE AP600

DATE AND TIME: April 12 through 14, 1994 (8:30 a.m. - 5 p.m.)

LOCATION: Westinghouse Energy Center  
 Westinghouse Electric Corporation  
 Monroeville, Pennsylvania

PURPOSE: To conduct an NRC staff audit of the piping design criteria  
 and sample analysis for the AP600. An agenda is enclosed.

PARTICIPANTS\*: NRC & Contractors Westinghouse

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G. DeGrassi, BNL	P. Bezler, BNL	R. Mandava
J. Braverman, BNL	P. Chen, ETEC	E. Johnson
K. Shembarger		

*Original Signed By:*

Kristine M. Shembarger, Project Manager  
 Standardization Project Directorate  
 Associate Directorate for Advanced Reactors  
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Enclosure:  
As stated

cc w/enclosure:  
See next page

\*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) 504-1114.

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NAME: PShea	KShembarger:sg	TKenyon	RArchitzel
DATE: 03/7/94	03/7/94 KMS	03/7/94	03/7/94

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Westinghouse Electric Corporation

Docket No. 52-003

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AGENDA FOR NRC AUDIT OF  
PIPING DESIGN CRITERIA AND SAMPLE ANALYSIS  
FOR THE AP600  
APRIL 12 THROUGH 14, 1994

- I. Review Design Criteria
  - A. Applicable Codes and Standards
  - B. Design loads
    - (1) Operating transients
    - (2) Seismic, emergency and faulted conditions
    - (3) Load combinations
  - C. Methods to be used for completing the piping design analyses
  - D. Criteria for piping systems identified as important by the RTNSS process
  - E. Piping stress analyses criteria
  - F. Pipe support design criteria
  - G. Criteria for postulating high-energy line breaks
  - H. LBB approach applicable to AP600 piping systems
  - I. Generic piping design ITAAC
  - J. Design specifications and procedure documents
- II. Audit of piping design, high-energy line breaks and LBB applications
  - A. Code classification of all seismic Category I piping and supports, and their jurisdiction boundaries.
  - B. Stress reports, calculation packages and drawings

Enclosure

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