

April 28, 1995

MEMORANDUM TO: Theodore R. Quay, Director  
Standardization Project Directorate  
Associate Directorate for Advanced Reactors  
and License Renewal, NRR

FROM: William C. Huffman, Project Manager *Original Review*  
Standardization Project Directorate  
Associate Directorate for Advanced Reactors  
and License Renewal, NRR

SUBJECT: NOTICE OF MEETING WITH WESTINGHOUSE TO DISCUSS THE SEISMIC  
ANALYSIS AND STRUCTURAL DESIGN OF AP600 NUCLEAR ISLAND  
STRUCTURES

DATE AND TIME: June 12, 1995 - 1 p.m. - 5 p.m.  
June 13 through 16, 1995 - 8 a.m. - 5 p.m.

LOCATION: Bechtel Power Corporation  
50 Beal Street  
San Francisco, California 94105

PURPOSE: To discuss open issues pertaining to the seismic analysis  
and structural design of AP600 nuclear island structures.  
Attached is an agenda.

PARTICIPANTS:★ NRC Westinghouse  
T. Cheng R. Orr, et al.  
G. Bagchi  
C. Hossain  
T. Tsai  
C. Constantino  
G. Harstead  
B. Huffman, et al.

Docket No. 52-003

Attachment:  
As stated

cc w/attachment:  
See next page

\*Meetings between the 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 "Commission Policy Statement on Staff Meeting Open to the Public," 59 Federal Register 48344, 9/20/94. Members of the public who wish to attend should contact me at (301) 415-1114.

DISTRIBUTION:  
See next page

9505110257 950428  
PDR ADOCK 05200003  
A PDR

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	LA:PDST:ADAR	<input checked="" type="checkbox"/>	PM:PDST:ADAR	<input checked="" type="checkbox"/>	SC:PDST:ADAR	<input checked="" type="checkbox"/>	
NAME	PShea <i>PS</i>		BHuffman:sg		RArchitzel <i>RA</i>		
DATE	04/27/95		04/28/95		04/28/95		

DOCUMENT NAME: SASDNOT.KMS

*DF03*  
NRC FILE CENTER COPY

Westinghouse Electric Corporation

Docket No. 52-003

cc: Mr. Nicholas J. Liparulo, Manager  
Nuclear Safety and Regulatory Analysis  
Nuclear and Advanced Technology Division  
Westinghouse Electric Corporation  
P.O. Box 355  
Pittsburgh, PA 15230

Mr. Victor G. Snell, Director  
Safety and Licensing  
AECL Technologies  
9210 Corporate Boulevard  
Suite 410  
Rockville, MD 20850

Mr. B. A. McIntyre  
Advanced Plant Safety & Licensing  
Westinghouse Electric Corporation  
Energy Systems Business Unit  
Box 355  
Pittsburgh, PA 15230

Mr. Ronald Simard, Director  
Advanced Reactor Program  
Nuclear Energy Institute  
1776 Eye Street, N.W.  
Suite 300  
Washington, DC 20006-3706

Mr. John C. Butler  
Advanced Plant Safety & Licensing  
Westinghouse Electric Corporation  
Energy Systems Business Unit  
Box 355  
Pittsburgh, PA 15230

STS, Inc.  
Ms. Lynn Connor  
Suite 610  
3 Metro Center  
Bethesda, MD 20814

Mr. M. D. Beaumont  
Nuclear and Advanced Technology Division  
Westinghouse Electric Corporation  
One Montrose Metro  
11921 Rockville Pike  
Suite 350  
Rockville, MD 20852

Mr. James E. Quinn, Projects Manager  
LMR and SBWR Programs  
GE Nuclear Energy  
175 Curtner Avenue, M/C 165  
San Jose, CA 95125

Mr. Sterling Franks  
U.S. Department of Energy  
NE-42  
Washington, DC 20585

Mr. John E. Leatherman, Manager  
SBWR Design Certification  
GE Nuclear Energy, M/C 781  
San Jose, CA 95125

Mr. S. M. Modro  
EG&G Idaho Inc.  
Post Office Box 1625  
Idaho Falls, ID 83415

Barton Z. Cowan, Esq.  
Eckert Seamans Cherin & Mellott  
600 Grant Street 42nd Floor  
Pittsburgh, PA 15219

Mr. Steve Goldberg  
Budget Examiner  
725 17th Street, N.W.  
Room 8002  
Washington, DC 20503

Mr. Ed Rodwell, Manager  
PWR Design Certification  
Electric Power Research Institute  
3412 Hillview Avenue  
Palo Alto, CA 94303

Mr. Charles Thompson, Nuclear Engineer  
AP600 Certification  
U.S. Department of Energy  
NE-451  
Washington, DC 20585

Mr. Frank A. Ross  
U.S. Department of Energy, NE-42  
Office of LWR Safety and Technology  
19901 Germantown Road  
Germantown, MD 20874

MEETING AGENDA  
SEISMIC ANALYSIS AND STRUCTURAL DESIGN OF AP600 NUCLEAR ISLAND STRUCTURES  
JUNE 12 THROUGH 15, 1995

- I. Opening Remarks - NRC/Westinghouse
- II. Seismic Soil-Structure Analyses - Westinghouse
  - Proposed SSAR Appendix 2B
  - Lateral Earth Pressure
  - Fixed-Based Response Spectrum Analyses of 3D Finite Element Model
  - Fixed-Based Time History Results with Response Spectrum Analysis Results
  - 3D SASSI Analysis Results for Soft Rock Site
- III. Design of Shield Building Roof Structures including PCCWS Tank - Westinghouse
- IV. Design of Foundation Mat (status report) - Westinghouse
- V. Auxiliary Building - Westinghouse
  - Design of External Embedded Walls for Lateral Earth Pressure
  - Typical Design Calculations for Floor Slabs and Shear Walls
- VI. Audit of Analysis and Design Calculations - NRC/Westinghouse
  - Seismic Analyses, Design of Shield Roof Structures, Design of Foundation Mat, and Typical Design of Auxiliary Building
- VII. Exit Meeting - NRC/Westinghouse

DISTRIBUTION:

~~Docket File~~

PUBLIC

PDST R/F

WRussell/FMiraglia, 0-12 G18

AThadani, 0-12 G18

RZimmerman, 0-12 G18

DCrutchfield

RArchitzel

WHuffman

KShembarger

TKenyon

EJordan, T-4 D18

BGrimes, 0-11 A2

ACHaffee, OECB

JMoore, 0-15 B18

RSpessard, 0-9 E2

ACRS (11)

OPA

GBagchi, 0-7 H15

DTerao, 0-7 H15

TCheng, 0-7 H15

CHossain

TTsai

CConstantino

GHarstead

E-mail to "CBA"

E-mail to "PMNS"