

Docket File
52-003



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

April 9, 1998

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

SUBJECT: FORWARDING OF CONTRACTOR REPORTS ASSOCIATED WITH THE REVIEW
OF CHAPTER 3 OF THE AP600 STANDARD SAFETY ANALYSIS REPORT (SSAR)

Dear Mr. Liparulo:

The staff has asked contractors to perform analyses to support their review of Chapter 3 of the AP600 SSAR. A brief discussion of the analyses contained in these reports will be included in the staff's final safety evaluation report. The reports from the contractors are attached for your information. Enclosure 1 is a report entitled "Confirmatory Soil-Structure Interaction Analysis of the Westinghouse AP600 Nuclear Island Structures" by Carl Costantino, and Quazi Hossain. Enclosure 2 is a report entitled "Axisymmetric Buckling Analysis for the AP600 Standard Plant Containment Vessel" by L. Greimann, F. Fanous, R. Challa, and D. Bluhm. Enclosure 3 is a report entitled "Three-dimensional Buckling Analysis for the AP600 Standard Plant Containment Vessel" by L. Greimann, F. Fanous, S. Safer, H. El-Arabaty, A. Khalil, and D. Bluhm. Enclosure 4 is a report entitled "Three dimensional Analysis of AP600 Standard Plant Shield Building Roof" by L. Greimann, F. Fanous, S. Safer, A. Khalil, and D. Bluhm. If you have questions concerning these reports please contact Thomas Cheng of the civil engineering and geosciences branch at (301) 415-2770.

You have requested that portions of the information submitted in the June 1992, application for design certification be exempt from mandatory public disclosure. While the staff has not completed its review of your request in accordance with the requirements of 10 CFR 2.790, that portion of the submitted information is being withheld from public disclosure pending the staff's final determination. The staff concludes that these follow on questions do not contain those portions of the information for which exemption is sought. However, the staff will withhold this letter from public disclosure for 30 calendar days from the date of this letter to allow

11

DFP3

NRC FILE CENTER COPY

9805260221 980409
PDR ADOCK 05200003
A PDR

Mr. Nicholas J. Liparulo

- 2 -

April 9, 1998

Westinghouse the opportunity to verify the staff's conclusions. If, after that time, you do not request that all or portions of the information in the enclosures be withheld from public disclosure in accordance with 10 CFR 2.790, this letter will be placed in the Nuclear Regulatory Commission Public Document Room.

Sincerely,

Original Signed By

Joseph M. Sebrosky, Project Manager
Standardization Project Directorate
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

Docket No. 52-003

Enclosure: As stated

cc w/encl: See next page

DISTRIBUTION: *Enclosure to be held for 30 days

*Docket File	PDST R/F	TQuay
*PUBLIC	TKenyon	JSebrosky
ACRS (11)	TCheng, 0-7 H15	GBagchi, 0-7 H15
JMoore, 0-15 B18		

DOCUMENT NAME: A:CHP3_RPT.RAI

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	PM:PDST:DRPM	ECGB:DE	D:ECGB:DE	D:PDST:DRPM
NAME	JMSebrosky:sg	TCheng	GBagchi	TRQuay
DATE	04/7/98	04/8/98	04/8/98	04/9/98

OFFICIAL RECORD COPY

Mr. Nicholas J. Liparulo
Westinghouse Electric Corporation

Docket No. 52-003
AP600

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

Ms. Cindy L. Haag
Advanced Plant Safety & Licensing
Westinghouse Electric Corporation
Energy Systems Business Unit
Box 355
Pittsburgh, PA 15230

Enclosure to be distributed to the following addressees after the result of the proprietary evaluation is received from Westinghouse:

Mr. Russ Bell
Senior Project Manager, Programs
Nuclear Energy Institute
1776 I Street, NW
Suite 300
Washington, DC 20006-3706

Dr. Craig D. Sawyer, Manager
Advanced Reactor Programs
GE Nuclear Energy
175 Curtner Avenue, MC-754
San Jose, CA 95125

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

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

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

Ms. Lynn Connor
DOC-Search Associates
Post Office Box 34
Cabin John, MD 20818

Mr. Robert H. Buchholz
GE Nuclear Energy
175 Curtner Avenue, MC-781
San Jose, CA 95125

Mr. Sterling Franks
U.S. Department of Energy
NE-50
19901 Germantown Road
Germantown, MD 20874

Mr. Charles Thompson, Nuclear Engineer
AP600 Certification
NE-50
19901 Germantown Road
Germantown, MD 20874

Mr. Robert Maiers, P.E.
Pennsylvania Department of
Environmental Protection
Bureau of Radiation Protection
Rachel Carson State Office Building
P.O. Box 8469
Harrisburg, PA 17105-8469