

Docket file



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

July 13, 1984

DISTRIBUTION

Docket No. 50-311

- Docket File
- ORB#1 Rdg
- NRC PDR
- L PDR
- Gray File
- DEienhut
- OELD
- EJordan
- JNGrace
- DFischer
- CParrish
- BJElliot
- WVJohnston

Mr. Richard A. Uderitz,
 Vice President -Nuclear
 Public Service Electric and Gas Company
 Post Office Box 236
 Hancocks Bridge, New Jersey 08038

Dear Mr. Uderitz:

By letter dated March 2, 1984, you submitted a request for a one-time only time extension to the reporting requirements in Appendix H to 10 CFR 50 from February 1984 to July 1984. In consonance with the current Appendix H, the summary technical report for the reactor vessel capsule withdrawn at Salem Nuclear Generating Station Unit 2 in February 1983 was to be submitted to the NRC by February, 1984. However, Westinghouse Electric Corporation, who was contracted to perform the capsule evaluation and write the report, was not sent the capsule until November, 1983. Westinghouse is planning to submit their report to you in May, and allowing for your review of the report, you anticipate submittal of the report to the NRC no later than July, 1984.

The purpose of the reactor vessel material surveillance program is to ensure reactor vessel integrity by evaluating the effect of neutron irradiation damage on the reactor vessel belline materials. The test results from the reactor vessel surveillance materials are used to evaluate the safety margin in the licensee's pressure-temperature limits, which are required by Appendix G, 10 CFR 50.

The current Salem Unit No. 2 pressure-temperature limits are for a period of time corresponding to 9.3 effective full power years (EFPY). These curves include a conservative estimate of the amount of neutron irradiation damage that would occur after 9.3 EFPY of operation. You indicate that the present Salem Unit No. 2 core exposure is less than 1.3 EFPY. Hence, there is considerable margin between the amount of neutron irradiation damage calculated in the pressure-temperature limits and the actual amount of neutron irradiation damage to Salem Unit No. 2 core materials. As a result of this margin, a delay of five months in submittal of the capsule "T" test report will not affect reactor vessel integrity, and considering the longer term use of the test results for a vessel still early in its service life, a delay of five months for submittal of the capsule test report is acceptable.

The summary technical report detailing the test results of the reactor vessel capsule withdrawn in February 1983 has now been received. On the basis of the technical justification that you provided and the receipt of

8408070059 840713
 PDR ADOCK 05000311
 PDR

Mr. Richard A. Uderitz

- 2 - July 13, 1984

your report we propose not to take action on your request for an extension of the one year reporting requirements in 10 CFR Appendix H, Reactor Vessel Material Surveillance Program for Salem Unit 2.

We wish to note that this is yet another example of an oversight by Public Service Electric and Gas (PSE&G) that should not have occurred. It serves to reinforce our previous findings from the trip breaker events which concluded that improvements in the PSE&G operations and attention to detail are needed at Salem.

Original signed by
Darrell G. Eisenhut

Darrell G. Eisenhut, Director
Division of Licensing

cc:
See next page

*See previous white for concurrences

ORB#1:DL
DFischer;ps
7/5/84

ORB#1:DL
SVarga
7/6/84

BJElliot*
5/4/84

AD/MCET
WVJohnston*
5/4/84

AD:OR:DL
GLainas*
5/7/84

D:DL
DEisenhut
7/13/84

OELD*
5/15/84

[Handwritten mark]

Mr. Richard A. Uderitz

- 2 -

A summary technical report detailing the test results of the reactor vessel capsule withdrawn in February 1983, shall be submitted to the Director, Office of Nuclear Reactor Regulation, on or before July 31, 1984.

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Del
ORR#1:DL
DFischer;ps
5/4/84

SV
ORR#1:DL
SVarga
5/4/84

BRE
MTEB
BJElliott
5/4/84

WV
ADYMCET
WVJohnston
5/4/84

D
AD:OR:DL D:DL
GLainas DEisenhut
5/1/84 5/ /84

D:NRR
HDenton
5/ /84

OELD
[Signature]
5/5/84

Mr. R. A. Uderitz
Public Service Electric & Gas Company

Salem Nuclear Generating Station
Units 1 and 2

cc: Mark J. Wetterhahn, Esquire
Conner and Wetterhahn
Suite 1050
1747 Pennsylvania Avenue, NW
Washington, DC 20006

Richard Fryling, Jr., Esquire
Assistant General Solicitor
Public Service Electric & Gas Company
P. O. Box 570 - Mail Code T5E
Newark, New Jersey 07101

Gene Fisher, Bureau of Chief
Bureau of Radiation Protection
380 Scotch Road
Trenton, New Jersey 08628

Mr. John M. Zupko, Jr.
General Manager - Salem Operations
Public Service Electric & Gas Company
Post Office Box E
Hancock Bridge, New Jersey 08038

Mr. Dale Bridenbaugh
M.H.B. Technical Associates
1723 Hamilton Avenue
San Jose, California 95125

James Linville, Resident Inspector
Salem Nuclear Generating Station
U.S. Nuclear Regulatory Commission
Drawer I
Hancock Bridge, New Jersey 08038

Richard F. Engel
Deputy Attorney General
Department of Law and Public Safety
CN-112
State House Annex
Trenton, New Jersey 08625

Richard B. McGlynn, Commission
Department of Public Utilities
State of New Jersey
101 Commerce Street
Newark, New Jersey 07102

Regional Radiation Representative
EPA Region II
26 Federal Plaza
New York, New York 10007

Mr. R. L. Mittl, General Manager
Nuclear Assurance and Regulation
Public Service Electric & Gas Co.
Mail Code T16D - P. O. Box 570
Newark, New Jersey 07101

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Lower Alloways Creek Township
c/o Mary O. Henderson, Clerk
Municipal Building, P.O. Box 157
Hancock Bridge, NJ 08038

Mr. Alfred C. Coleman, Jr.
Mrs. Eleanor G. Coleman
35 K Drive
Pennsville, New Jersey 08070

Carl Valore, Jr., Esquire
Valore, McAllister, Aron
and Westmoreland, P.A.
535 Tilton Road
Northfield, NJ 08225

June D. MacArtor, Esquire
Deputy Attorney General
Tatnall Building
Post Office Box 1401
Dover, Delaware 19901

Harry M. Coleman, Mayor
Lower Alloways Creek Township
Municipal Hall
Hancock Bridge, New Jersey 08038

Salem Nuclear Generating Station
Units 1 and 2

- 2 -

cc: Mr. Edwin A. Liden, Manager
Nuclear Licensing & Regulation
Public Service Electric & Gas Company
Post Office Box 236
Hancock Bridge, New Jersey 08038

Mr. Charles P. Johnson
Assistant to Vice President, Nuclear
Public Service Electric & Gas Company
Post Office Box 570
80 Park Plaza - 15A
Newark, New Jersey 07101

Mr. David Wersan
Assistant Consumer Advocate
Office of Consumer Advocate
1425 Strawberry Square
Harrisburg, PA 17120