

Public Service  
Electric and Gas  
Company

Corbin A. McNeill, Jr.  
Vice President -  
Nuclear

Public Service Electric and Gas Company P.O. Box 236, Hancocks Bridge, NJ 08038 609 339-4800

January 30, 1986

NLR-N86012

Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Division of Licensing  
Washington, D.C. 20555

Attention: Document Control Desk

REACTOR VESSEL MATERIAL SURVEILLANCE  
SALEM GENERATING STATION  
UNIT NO. 1  
DOCKET NO. 50-272

It has come to our attention that the enclosed letter with its attachment, was not docketed. We are, therefore, resubmitting the material for record purposes.

Should you have any questions regarding this matter, we will be pleased to discuss them with you.

Sincerely,



8602140076 860130  
PDR ADDCK 05000272  
P PDR

Enclosure

Mr. Donald C. Fischer  
Licensing Project Manager

Mr. Thomas J. Kenny  
Senior Resident Inspector

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Electric and Gas  
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Corbin A. McNeill, Jr.  
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Public Service Electric and Gas Company P.O. Box 236, Hancocks Bridge, NJ 08038 609 339-4800

June 11, 1985

U. S. Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulation  
Washington, D. C. 20555

Attention: Mr. Steven A. Varga, Chief  
Operating Reactors Branch, No. 1

Dear Mr. Varga:

REACTOR VESSEL MATERIAL SURVEILLANCE  
SALEM GENERATING STATION  
NO. 1 UNIT  
DOCKET NO. 50-272

Pursuant to the requirements of Appendix H to 10 CFR 50,  
PSE&G hereby submits WCAP - 10694, "Analysis of Capsule Y  
from the Salem Unit 1 Reactor Vessel Radiation Surveillance  
Program." This report includes data required by  
ASTM-E-185-1973.

The test results show that the increases in the transition  
temperatures of the weld metal and base metal were within  
the "best estimate" values predicted by the methods of  
Regulatory Guide 1.99 Revision 1. However, since the  
surveillance weld metal is not identical to the  
intermediate-to-lower shell seam, WCAP-10694 bases the new  
heatup and cooldown limit curves on the more conservative  
"upper limit" values predicted by Regulatory Guide 1.99.

Should you have any questions, please contact us.

Sincerely,



8602140078 860130  
PDR ADOCK 05000272  
PDR  
P

Attachment

Mr. Steven A. Varga

-2-

6/11/85

C Mr. Donald C. Fischer  
Licensing Project Manager

Mr. Thomas J. Kenny  
Senior Resident Inspector