

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

June 11, 1986

NLR-N86087

Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, MD 20014

Attention: Mr. Steven A. Varga, Director  
PWR Project Directorate #3  
Division of PWR Licensing A

Dear Mr. Varga:

ASME CODE CASE N-133-2  
SALEM GENERATING STATION  
UNIT NOS. 1 AND 2  
DOCKET NOS. 50-272 AND 50-311

The purpose of this letter is to request, pursuant to the requirements of 10CFR50.55a(a)(3), that the NRC approve the use of ASME Code Case N-133-2 for use in the design and fabrication of replacement valves for the Salem Units 1 and 2 service water systems. The replacement valves currently being purchased are Jamesbury Model 815L-11-14RLMT which utilize alternate bolting material for the four bolts closest to the shaft on either valve face. The use of alternate bolting material was approved in Code Case N-133-2 and represented the only change from Code Case N-133-1. The use of Code Case N-133-1 has been approved by the NRC.

The replacement valves are of a more reliable design in that the use of Aluminum Bronze Alloy 954, as approved by Code Case N-133, is more resistant to erosion. Maintenance of these valves is also easier to accomplish resulting in greater system availability. The alternate bolting material was fabricated from Monel Alloy 400 utilizing material specification SB-164. This material combines the mechanical and material properties necessary to assure structural integrity and limit galvanic corrosion. For these reasons, PSE&G believes that the requirements of 10 CFR 50.55a(a)(3) have been satisfied and that the use of ASME Code Case N-133-2 is acceptable.

8606180078 860611  
PDR ADOCK 05000272  
P PDR

A047  
1/0

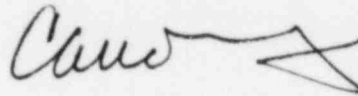
Steven A. Varga

-2-

6-11-86

Should you have any questions regarding this information, we would be happy to discuss them with you. An expeditious response to this request would be greatly appreciated.

Sincerely,



C Mr. Donald C. Fischer  
Licensing Project Manager

Mr. Thomas J. Kenny  
Senior Resident Inspector