Richard A. Uderitz
Vice President -
Nuclear

Public Service Electric and Gas Company P.O. Box 236, Hancocks Bridge, NJ 08038 609 935-6010

April 7, 1983

Mr. Thomas T. Martin, Director
Division of Engineering and Technical Progams
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Martin:

NRC COMBINED INSPECTION 50-272/83-09, 50-311/83-08
SALEM GENERATING STATION
UNITS 1 AND 2
JANUARY 17, 1983

The following is our response to the notice of violation identified in the subject inspection report:

Item of Violation

10 CFR 71.5 prohibits delivery of licensed material to a carrier for transport unless the licensee complies with applicable regulations of the Department of Transportation in 49 CFR Parts 170-189. 49 CFR 173-392 (c) (6) requires that packaged shipments of low specific activity material must be braced so as to prevent the shift of lading under conditions normally incident to transportation.

Contrary to the above:

> On January 14, 1983, licensed material, containing 248.46 millicuries, identified as low specific activity, was delivered to a carrier for transport. Upon arrival at the burial facility in Richland, Washington the shipment was found not to be braced so as to prevent the shift of lading under conditions normally incident to transportation.

Reply to Item of Violation

The above described shipment (PSE&G Shipment No. 83-006) containing 14 metal LSA boxes was supported by one wooden

Reply to Item of Violation: (continued)

pallet braced by 3 two-by-four boards approximately 6 feet in length. These braces were nailed to the van floor behind chocks. Shifting of the top layer of boxes resulted in the breakage of the bracing. When shipped, the bracing installed was believed to be adequate for conditions normally incident to transportation. However, it appears that the conditions endured were sufficient to render the bracing ineffective.

Upon notification of the incident, as an immediate corrective action, all subsequent shipments were required to have additional bracing.

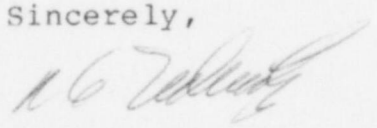
To prevent recurrence of this problem, Procedure RP7.004 shall be revised to incorporate more extensive bracing for future LSA box shipments. The bracing of 2 layer shipments shall include two pallets. The top pallet, laying next to the top row of boxes, will be braced by a minimum of two wooden braces nailed to the van floor and to the pallet. The bottom pallet will be braced by a minimum of three wooden braces likewise nailed to both the pallet and van floor. Cross braces nailed to the top pallet braces and to the edges of the van floor will be nailed in place to prevent lateral shift. Additionally, horizontal braces nailed to the tops of each angular brace (at the pallet interfaces) will be added to add strength to the bracing configuration.

It is believed that these additional bracing measures will be adequate to withstand normal transport conditions.

All shipments shall be inspected and shoring determined adequate in accordance with the Radiation Protection Instruction by the Radioactive Waste Supervisor and verified by Quality Assurance.

We will be in compliance by May 1, 1983.

Sincerely,



cc: Director, Office of Inspection and Enforcement
Nuclear Regulatory Commission
Washington, D.C. 20555