



**PSE&G**

Public Service Electric and Gas Company 80 Park Plaza Newark, N.J. 07101 Phone 201/430-7000

Mailing Address: P.O. Box 570, Newark, N.J. 07101

October 29, 1981

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

Attention: Mr. Steven A. Varga, Chief  
Operating Reactors Branch 1  
Division of Licensing



Gentlemen:

STATUS OF NUREG 0737 ITEMS II.F.1.1 AND II.F.1.2  
NO. 1 AND 2 UNITS  
SALEM NUCLEAR GENERATING STATION  
DOCKET NOS. 50-272 AND 50-311

NUREG 0737 requires the installation of high-range noble gas effluent monitors and provision for effluent monitoring of radioiodine and particulates under accident conditions by January 1, 1982. Public Service Electric and Gas Company has placed orders with two vendors for equipment to satisfy these requirements. We have purchased a combination high-range noble gas monitor and iodine and particulate sampler for each unit's vent which we anticipate having on-site by December 1, 1981. In order to install this equipment it is necessary to install temporary scaffolding alongside each containment. Because of the rather late delivery schedule, we request that the installation date for this item be postponed until April 1, 1982.

We have also purchased a high-range noble gas monitoring system for the main steam lines. PSE&G will install an off-line sampling system in order to monitor radioactive concentrations in the main steam line which could be discharged to the environment from the atmospheric relief valves. The off-line monitoring of the main steam lines requires a rather sophisticated approach and unfortunately, equipment delivery is not anticipated in sufficient time for installation by January 1, 1982. We believe that an off-line monitoring approach will provide superior sensitivity and response characteristics. We therefore would be better equipped to follow decreasing concentrations of

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The Energy People

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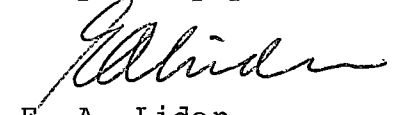
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noble gases in the secondary system than if an on-line monitoring approach was used. Our current schedule calls for equipment delivery and installation by April 15, 1982.

In accordance with your letter of October 1, 1981, we therefore request that relief be granted for installation of these items. Should you have any questions in this regard, do not hesitate to contact us.

Very truly yours,

  
E. A. Liden  
Manager - Nuclear Licensing

NCA:cag

CC: Mr. Leif Norrholm  
Senior Resident Inspector  
Mr. Gary C. Meyer  
Licensing Project Manager

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