



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Nuclear Department

August 2, 1983

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

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

Gentlemen:

STATUS REPORT
REACTOR VESSEL LEVEL INSTRUMENTATION
TMI ACTION ITEM II.F.2
NO. 1 AND 2 UNITS
SALEM GENERATING STATION
DOCKET NOS. 50-272 AND 50-311

As requested by Messrs. T. Hwang and L. Phillips of the NRC staff, PSE&G hereby submits a status report on the Reactor Vessel Level Instrumentation System (RVLIS).

The Unit 1 RVLIS has been installed, tested, and calibrated. Scaling, calibration, and heat-up data correspond to expected values and the system functions within the specified design tolerances. The Unit 2 RVLIS has also been installed. Scaling is nearing completion, and the heat-up data are being analyzed. Test results will be made available for NRC inspection.

Three field design changes are being made to the Unit 1 RVLIS: Capacitors are being added to the microprocessor unit to resolve hardware difficulties identified during testing; this change was made to the Unit 2 system during the past outage. Bypass valves are being removed from the differential pressure transmitters, since Westinghouse has determined that calibration of the d/p transmitters can be accomplished without the valves; this change has already been made on Unit 2. Upon receipt of Westinghouse Procedure NSID-EIS-83-08, a design change will be issued to upgrade the seismic design and to incorporate human factors modifications. We anticipate completing the first two changes to the Unit 1 RVLIS in September

8308100278 830802
PDR ADOCK 05000272
PDR

The Energy People

AD46
1/0

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission

- 2-

8/2/83

1983. We will provide a schedule for the third modification to both units when we have reviewed Westinghouse's recommendations.

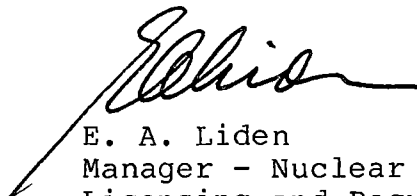
Westinghouse will declare the Unit 1 RVLIS operational when the three field design changes have been completed. We will provide an update on the Unit 2 RVLIS when the review of the test data is complete.

Draft Emergency Operating Procedures (EOPs) have been written based on the NRC-approved Westinghouse Emergency Response Guidelines. The EOPs are currently being reviewed by Engineering. We anticipate that this review will be complete by August 15, 1983, and that procedure walk-through will take place during that week.

A draft technical specification to include the inadequate core cooling instrumentation has been prepared and is being reviewed. We anticipate that a License Change Request will be submitted to the NRC in September 1983.

Should you have any questions, please do not hesitate to contact us.

Very truly yours,



E. A. Liden
Manager - Nuclear
Licensing and Regulation

CC: Mr. Donald C. Fischer
Licensing Project Manager

Mr. Leif Norrholm
Senior Resident Inspector