

Frederick W. Schneider

Vice President
Production

Public Service Electric and Gas Company 80 Park Plaza Newark, N.J. 07101 201/430-7373

June 2, 1981

Mr. Boyce H. Grier, Director
U.S. Nuclear Regulatory Commission
Region 1
631 Park Avenue
King of Prussia, Pa. 19406



Dear Mr. Grier:

SUPPLEMENTAL RESPONSE NO. 2 TO
NRC IE BULLETIN NO. 80-24
PREVENTION OF DAMAGE DUE TO WATER LEAKAGE
INSIDE CONTAINMENT (OCTOBER 17, 1980 INDIAN POINT 2 EVENT)
SALEM GENERATING STATION
UNITS NO. 1 AND 2
DOCKET NOS. 50-272 AND 50-311

On January 2, 1981, we indicated in our response to the subject Bulletin Item No. 1.h. that a radiation detector is installed in the service water outlet piping of each containment fan coil. We also indicated that upon initiation of a high radiation level, a bezel alarm is actuated and the coil is isolated by procedure. After further review of this response, it became evident these statements required clarification and correction.

An in-line radiation detector is installed in each of the service water outlet pipes of each containment fan coil in Unit 1. On Unit No. 2 three off-line radiation detectors are used to sample the service water discharge of the five containment fan coil units. The sample lines are equipped with isolation valves.

As mentioned above, a bezel alarm will be actuated in the Unit 1 Control Room upon detection of high radiation in the service water outlet piping for each of its fan coil units. For Unit 2 an RMS alarm will be actuated in the Unit 2 Control Room on the overhead alarm panel. The RMS CRT and printer will indicate high radiation detected in the fan cooler outlet piping.

IEH
S1/0

8106180319

Q

Mr. Boyce H. Grier, Director
U.S. Nuclear Regulatory Commission

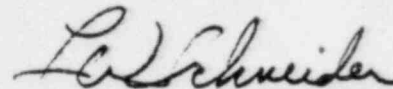
-2-

6/2/81

If the alarms are actuated for either unit, the operator does not have a specific procedure to immediately isolate the fan cooler service water supplies. Emergency Instruction I-4.16, Radiation Incident, requires the operator to investigate the cause of the alarm. The final decision to isolate the coils is based upon plant conditions, analyses and indications.

If you have any further questions, we will be pleased to discuss them with you.

Sincerely,



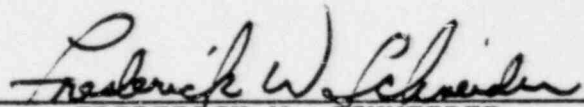
CC Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Washington, D.C. 20555

STATE OF NEW JERSEY)
) SS: COUNTY OF ESSEX
COUNTY OF ESSEX)

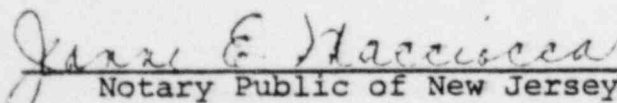
FREDERICK W. SCHNEIDER, being duly sworn according to law deposes and says:

I am a Vice President of Public Service Electric and Gas Company, and as such, I signed the letter dated June 2, 1981, to Mr. Boyce H. Grier, Director, NRC Office of Inspection and Enforcement, Region I, as a supplemental response to NRC Bulletin No. 80-24 "Prevention of Damage Due to Water Leakage Inside Containment (October 17, 1980 Indian Point 2 Event)."

The matters set forth in said response letter are true to the best of my knowledge, information and belief.


FREDERICK W. SCHNEIDER

Subscribed and sworn to before me
this 9th day of June, 1981


Notary Public of New Jersey

My Commission expires on Oct. 1, 1983