

**PRELIMINARY NOTIFICATION**

Date: September 12, 1980

**PRELIMINARY NOTIFICATION OF SAFEGUARDS EVENT--PNS-I-80-21**

This preliminary notification constitutes EARLY notice of events of POSSIBLE national security or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff as of this date.

Facility: Public Service Electric and Gas Company  
Salem Nuclear Generating Station, Unit 1  
Hancock Bridge, New Jersey  
(DN 50-272)

Subject: POTENTIAL ACT OF INDUSTRIAL SABOTAGE

On September 10, 1980, following a reactor trip and initiation of auxiliary feed water flow, an anonymous caller notified the chemistry staff of potential problems with the hydrazine addition tank. The tank was in service for hydrazine addition to auxiliary feed water. Samples were immediately taken of the tanks which indicated sodium and chloride contamination, approximately 500 ppm sodium and 1,200 ppm chloride. The tank was removed from service. The tank had not been used for chemical additions since the previous Unit 1 shutdown in June 1980. Licensee's investigation is continuing. A written report will be submitted in fifteen days.

The licensee will notify the FBI. No press release is planned by the licensee or Region I at this time. The State of New Jersey has been advised.

Region I (Philadelphia) received notification of this occurrence by telephone from the Senior Resident Inspector at 1:30 PM on September 12, 1980.

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Region I Form 83  
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