

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-85-20

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region I staff on this date.

Facility:  
Public Service Electric and Gas Co.  
Salem Generating Station Unit 2  
Docket No. 50-311

Licensee Emergency Classification:  
 Notification of Unusual Event  
 Alert  
 Site Area Emergency  
 General Emergency  
 Not Applicable

SUBJECT: REACTOR TRIP ALARM

On 3/21, during functional testing of the Reactor Trip Breakers (RTB), a reactor trip "first out" alarm annunciated in the control room. Since no demand for reactor trip existed, the RTBs properly remained shut. At the time, the unit was in Hot Standby, and one group of control rods was withdrawn for position indication system calibration. After assessing the situation, the senior shift supervisor opened the trip breakers. During troubleshooting, a misaligned contact in the "2B" RTB for the P-4 circuitry (initiates turbine trip in event of reactor trip) was found which caused the erroneous alarm by indicating breaker position as "open" intermittently. The switch has been repaired and preparations for plant startup are continuing. One objective of the functional test in progress was to verify that RTB auxiliary contacts are completed following racking in of the RTB. The test satisfied its objectives. The licensee is inspecting all other similar switches prior to restart.

The resident inspectors have reviewed this occurrence and are continuing to review startup preparations. This item has been discussed with NRR and IE and examined within the regional office. Our review of the event revealed no inability of the reactor protective system (RPS), including the RTBs, to fulfill intended safety functions.

The States of New Jersey and Delaware have been notified. Region I received notification of this occurrence by telephone call from the Headquarters Duty Officer at 11:45 a.m. on March 21, 1985.

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FTS 488-1115

DISTRIBUTION: See Next Page

Region I Form 83  
(Rev. July, 1984)

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Licensee: \_\_\_\_\_  
(Reactor Licensee)