

SALEM GENERATING STATION
MONTHLY OPERATING SUMMARY - UNIT NO. 2
APRIL 1985

SALEM UNIT NO. 2

The period began with the Unit operating in Mode 4 (hot shutdown) as the second refueling/turbine outage drew to a close. Alignment and testing of the new 22 Aux. Feedwater Pump was completed. On 4/5/85 at 2232 hours, the Unit entered Mode 3 (hot standby). On 4/6/85, 22MS14 (Steam Generator Safety Valve) failed to reseal. The valve was subsequently adjusted and retested satisfactorily. Selected Steam Generator safety valves were retested to verify proper setpoint(s). On 4/10/85 at 2259 hours, the Unit entered Mode 2 (criticality). Zero power physics testing was initiated and completed. On 4/13/85 at 0136 hours the Unit was synchronized and power operation commenced. At 0143 hours on 4/13/85, the Unit tripped as a result of No. 24 Steam Generator Low Level coincident with a Steam Flow/Feed Flow mismatch. At 0850 hours on 4/13/85, the Unit was brought critical (Mode 2). At 1938 hours Unit 2 was synchronized, but due to a high thrust bearing temperature on 22 SGFP load was reduced from 23% power and the turbine manually tripped at 2006 hours. The Unit was again synchronized at 2239 hours. However, the 22 SGFP thrust bearing temperature was still unacceptable and a power reduction was initiated at 2300 hours with the Unit at 26% power. The turbine was manually tripped at 2305 with reactor power at approximately 9%. After tripping the turbine, insufficient steam dumping resulted in lifting at least one Main Steam Safety Valve and a subsequent primary pressure transient resulted in Pressurizer Power Operated Relief Valve (PORV) 2PR1 actuation. Both the PORV and the Main Steam Safety Valve reseated satisfactorily. The Pressurizer Safety Valves were not challenged. No safety limits were approached and the Unit was stabilized in Mode 2 at approximately 2345 hours. The Unit remained in Mode 2 pending corrective actions to #21 and #22 Steam Generator Feed Pumps. With completion of the Mechanical Overspeed Protection adjustment to #21 Steam Generator Feed Pump (SGFP), the Unit was synchronized on 4/17/85 at 1916 hours. At 1928 hours on 4/17/85, the Unit tripped as a result of No. 24 Steam Generator (S/G) Low-Low Level. Water had accumulated in the reheat steam line which was injected into the #21 SGFP resulting in the reduction of feed flow followed by the trip. The Unit was synchronized at 1306 hours on 4/18/85. At 2103 hours the Unit was removed from service to conduct the Turbine Overspeed Test. Following a satisfactory test the Unit was returned to service at 2310 hours. On 4/23/85 at 0022 hours, the Unit tripped on Low Turbine Oil Pressure while switching from one Turbine Lube Oil Cooler at another. The Unit was synchronized at 2215 hours the same day. On 4/26/85 at 2300 hours, the Unit was removed from service to facilitate repairs to the "hotspot" on "C" Phase of the Isolated Phase Bus. The Unit was returned to service at 0700 hours on 4/28/85. As the period ended, the Unit was operating at 50% power as adjustments to #22 SGFP piping supports continue.

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

Salem Generating Station

May 16, 1985

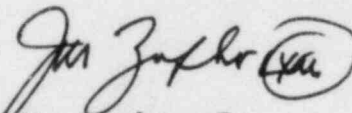
Director, Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Sir:

MONTHLY OPERATING REPORT
SALEM NO. 2
DOCKET NO. 50-311

The recent Monthly Operating Report for April, 1985, does not address a challenge to a PORV on 4/13/85. The operating summary (attached) has been updated to address this.

Sincerely yours,


J. M. Zupko, Jr.
General Manager -
Salem Operations

JR:sbh

cc: Dr. Thomas E. Murley
Regional Administrator USNRC
Region I
631 Park Avenue
King of Prussia, PA 19406

Director, Office of Management
Information and Program Control
U.S. Nuclear Regulatory Commission
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Enclosure
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