

LICENSEE EVENT REPORT

CONTROL BLOCK: 0 1 2 3 4 5 6 7 8 9

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

REPORT SOURCE: 01 ALBRF; LICENSE NUMBER: 200-000000; LICENSE TYPE: 411111; CAT: 50

DOCKET NUMBER: L60500002967; EVENT DATE: 061681; REPORT DATE: 062981

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
02 During normal operation, while performing turbine first stage pressure permissive
03 test (SI 4.1.A-14) turbine first stage permissive switches PS-1-81A and B and PS-1-91A
04 and B were found an average of 10.7 percent above the limits of T.S. table 3.1.A.
05 There was no danger to the health or safety of the public. There were no redundant
06 systems. Previous similar events: BFRO-50-259/78016, 79008, 80053; 260/79016,
07 79017, 79024, 80020, 80057; 296/79007, 79012, 30022, 80030, 80045, 81017, 81023.

SYSTEM CODE: IA; CAUSE CODE: E; CAUSE SUBCODE: E; COMPONENT CODE: INSTRU; COMP SUBCODE: S; VALVE SUBCODE: Z

EVENT YEAR: 81; SEQUENTIAL REPORT NO.: 030; OCCURRENCE CODE: 1; REPORT TYPE: T; REVISION NO.: 0; ACTION TAKEN: EF; EFFECT ON PLANT: Z; SHUTDOWN METHOD: Z; HOURS: 0000; ATTACHMENT SUBMITTED: Y; NRC-4 FORM SUB: Y; PRIME COMP. SUPPLIER: L; COMPONENT MANUFACTURER: B069

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
10 The Barksdale bourdon tube pressure switch model B2T-A12SS setpoints had drifted.
11 The switches were reset to the proper values and SI 4.1.A-14 was satisfactorily
12 completed. Design change request 1398 has been initiated to replace these switches
13 with an analog transmitter with a trip switch.

FACILITY STATUS: E; % POWER: 098; OTHER STATUS: NA; METHOD OF DISCOVERY: B; DISCOVERY DESCRIPTION: Surveillance test; ACTIVITY RELEASED: Z; AMOUNT OF ACTIVITY: NA; LOCATION OF RELEASE: NA; PERSONNEL EXPOSURES: 000; PERSONNEL INJURIES: 000; TYPE OF DAMAGE TO FACILITY: Z; PUBLICITY ISSUED: N

LER SUPPLEMENTAL INFORMATION

BFRO-50- 296 / 81030 Technical Specification Involved Table 3.1.A

Reported Under Technical Specification 6.7.2.A(5) *Date due NRC: 6/30/81

Date of Occurrence 6/16/81 Time of Occurrence 0830 Unit 3

Identification and Description of Occurrence: During performance of SI 4.1.A-14 PS-1-81A and B and PS-1-91A and B failed to operate within T.S. limits. The as found was: PS-1-81A, 187 psi; PS-1-81B, 185 psi; PS-1-91A, 183.5 psi, PS-1-91B, 184 psi. The above values include a 12.6 psig water leg. T.S. table 3.1.A setpoint is ≤ 154 psig.

Conditions Prior to Occurrence:

Unit 1 refueling outage

Unit 2 maintenance outage

Unit 3 at 98%

Action specified in the Technical Specification Surveillance Requirements met due to inoperable equipment. Describe.

None

Apparent Cause of Occurrence:

Drift of the setpoint. This drift historically seems to occur during times of the year when there are seasonal weather changes. Application of these switches are marginal.

Analysis of Occurrence:

There was no danger to the health or safety of the public, no release of activity, no damage to the plant or equipment, and no resulting significant chain of events.

Corrective Action:

The switches were reset to the proper values and SI 4.1.A-14 was satisfactorily completed. Design change request 1398 has been initiated to replace these switches with an analog transmitter with a trip switch. Setpoint has been made more conservative. As interim correction action we are investigating another more applicable switch.

Failure Data: BFRO-50-259/78016, 79008, 80053; 260/79016, 79017, 79024, 80020, 80057; 296/79007, 79012, 80022, 80030, 80045, 81017, 81023.

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: *SLH*