11/10 15:07 7206085 #03

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

(2) LICENSEE CODE: TNSNP1 | (3) LICENSE NUMBER: 00-00000-00 | (4) LICENSE TYPE: 4 | (5) CAT: 1

CON'T

REPORT SOURCE: L (6) | DOCKET NUMBER: 050003272 (7) | EVENT DATE: 102982 (8) | REPORT DATE: 111082 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

With unit 1 in mode 6 and unit 2 in mode 1 (96% power) at 1500 CST on 10/29/82, the control room emergency ventilation system was declared inoperable due to the common suction dampers 0-31A-102 and -103 partially closing causing the system to be unable to maintain its rated flow of 4000 cfm. A similar event occurred at 0800 CST on 11/09/82. Both events required entry into the action statements of LCO 3.7.7 and 3.0.3. There was no effect upon public health and safety. Previous occurrences - one (SQRO-50-327/82071).

SYSTEM CODE: SG (11) | CAUSE CODE: E (12) | CAUSE SUBCODE: B (13) | COMPONENT CODE: VALVEX (14) | COMP SUBCODE: N (15) | VALVE SUBCODE: G (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 82 | SEQUENTIAL REPORT NO. 123 | OCCURRENCE CODE 01 | REPORT TYPE T | REVISION NO. 0

ACTION TAKEN: E (18) | FUTURE ACTION: X (19) | EFFECT ON PLANT: Z (20) | SHUTDOWN METHOD: Z (21) | HOURS (22): 0000 | ATTACHMENT SUBMITTED: Y (23) | NPRD-4 FORM SUB.: N (24) | PRIME COMP. SUPPLIER: L (25) | COMPONENT MANUFACTURER: X999

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

In both events, it was found that the adjustment screw holding the dampers open had backed out due to vibration in the duct allowing the suction damper to partially close. The screw was immediately readjusted to open the dampers. Design change request (DCR) 1650 is being expedited to provide a new damper. Until work is complete, the damper's position will be verified on a daily basis.

FACILITY STATUS: G (28) | % POWER: 000 (29) | OTHER STATUS (30): NA | METHOD OF DISCOVERY: B (31) | DISCOVERY DESCRIPTION (32): System Walkdown

ACTIVITY RELEASED: Z (33) | CONTENT OF RELEASE: Z (34) | AMOUNT OF ACTIVITY (35): NA | LOCATION OF RELEASE (36): NA

PERSONNEL EXPOSURES — NUMBER: 000 (37) | TYPE: Z (38) | DESCRIPTION (39): NA

PERSONNEL INJURIES — NUMBER: 000 (40) | DESCRIPTION (41): NA

LOSS OF OR DAMAGE TO FACILITY — TYPE: Z (42) | DESCRIPTION: NA

PUBLICITY — ISSUED: N (44) | DESCRIPTION (45): NA

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NRC USE ONLY

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Sequoyah Nuclear Plant

LER SUPPLEMENTAL INFORMATION

SQRO-50-327/82123 Technical Specification Involved: 3.7.7

Reported Under Technical Specification: 6.9.1.12.b

Date of Occurrence: 10/29/82 Time of Occurrence: 1500 CST

Identification and Description of Occurrence:

At 1500 CST on 10/29/82, during a walkdown of the control room emergency ventilation system, suction dampers 0-31A-102 and -103 were found partially closed. This would have prevented the system from maintaining a flow rating of 4000 cfm in the event of control room isolation. A similar event occurred at 0800 CST on 11/09/82. Upon discovery of each event, the unit entered the action statements of LCO 3.7.7 and 3.0.3.

Conditions Prior to Occurrence:

For both events unit 1 was in mode 6 (refueling) and unit 2 was in mode 1 (96% power).

Apparent Cause of Occurrence:

The louvered dampers are held open by an adjustment screw. In each case, vibration of the duct and damper from air flow across the damper caused the adjustment screw to loosen and the damper to partially close.

Analysis of Occurrence:

In the event of control room isolation, the control room emergency ventilation system is designed to provide 4000 cfm ($\pm$ 10%) air flow to the control room. Suction dampers 0-31A-102 and -103 are common to both trains of the emergency air cleanup fans. These dampers are preset to ensure 3800 cfm ($\pm$ 10%) flow of filtered air to the control room. When the dampers vibrated partially closed, the system would have been unable to meet the needed flow criteria.

Corrective Action:

For each event, the damper was immediately opened to the preset position and the adjustment screw tightened. Measures are being taken to block the damper in the open position to maintain system operability. The design of a new damper is being reviewed by Design through DCR 1650. Until modifications are made, a daily surveillance will be performed to verify the damper setting.

Failure Data:

None.