LICENSEE EVENT REPORT

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CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)	
0 1 MD C C N 2 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5 5 CAT 58	
CON'T O 1 SOURCE L 6 0 5 0 0 0 3 1 8 7 1 0 1 5 8 2 8 1 1 1 1 2 8 2 9 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10 At 1330 during normal operation, a Turbine Building Service Water (SRW)	
isolation valve failed shut and was repaired at 1510. The valve failed	
shut again at 1705. An air jumper was installed to keep the valve open.	
The jumper would not allow the valve to close on a SIAS, thereby degrad-	
ing 22 SRW loop (T.S. 3.7.4.1). The reactor was placed in Mode 5 for re-	
fueling at 2000 on 10-16-82, terminating the event.	
[0]8] Similar events: none.	
7 8 9 SYSTEM CAUSE CAUSE COMP. VALVE)
W A 11 E 12 A 13 V A L V O P 14 F 15 Z 16 9 10 11 E 12 A 13 OCCURRENCE REPORT REVISION	
17 REPORT NUMBER 21 22 23 24 26 27 28 29 30 31 32 32	
ACTION FUTURE ON PLANT SHUTDOWN HOURS 22 ATTACHMENT SUBMITTED FORM SUB. PRIME COMP. SUPPLIER MANUFACTURER LA 4 9 9 9 47 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)	26
The cause for this event was the failed coil of solenoid valve (2-SV-	1
[1] [1638). 2-SV-1638 was replaced; failed again due to installation of wrong	1
part. Again replaced 2-SV-1638. Personnel involved have been instructed	1
on part verification prior to installation. Since the control valve	
position is displayed remotely, no further action is deemed necessary.	
FACILITY STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 1 5 E (28) 0 8 8 (29) N/A A (31) Operator Observation	
7 8 9 10 12 13 44 45 46 80	
1 6 Z 33 Z 34 N/A N/A N/A 45 N/A 80	
1 7 0 0 0 37 Z 38 N/A	
7 8 9 11 12 13 PERSONNEL INJURIES NUMBER DESCRIPTION (41)	
1 8 0 0 0 0 40 N/A 7 8 9 11 12 80	
LOSS OF OR DAMAGE TO FAC'LITY (43) TYPE DESCRIPTION 1 9 Z (42) N/A	
8211290582 821112 PDR ADOCK 05000318 S PDR PDR DESCRIPTION 45 S PDR NAC USE ONLY	7.926
7 8 9 10 68 69 80 NAME OF RESARES M. A. Junge/J. W. Raynor PHONE 301-269-4969/4713	18 Od

LER NO. 82-51/3L DOCKET NO. 50-318 LICENSE NO. DPR 69 EVENT DATE 10-15-82 REPORT DATE 11-12-82 ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

Troubleshooting revealed the cause for this event to be a failed coil of solenoid valve (2-SV-1638), the reason for the failure is unknown. A replacement solenoid valve was ordered and installed.

Approximately two (2) hours after installation, the solenoid valve failed again. Investigation revealed that the wrong type solenoid valve was ordered and consequently installed. Inadvertently an AC solenoid valve was ordered vice a DC solenoid valve. The low resistance properties of the solenoid valve's AC coil lead to high loop current, thereby causing the coil to fail, i.e., the coil winding loop opened.

The shop personnel involved have been instructed on parts verification prior to ordering and/or installing spare parts. Since the control valve position is displayed remotely, no further preventive action is deemed necessary.