

LICENSEE EVENT REPORT

CONTROL BLOCK:

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 (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	D	C	C	N	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5		
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT 58		

CON'T

0 1 7 8

REPORT SOURCE

60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

L 6 0 5 0 0 0 3 1 7 7 1 1 0 5 8 1 8 1 1 1 9 8 1 9

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal operation at 1400, it was discovered that the service wa-
0 3 | ter pump room drain lines to the turbine building lacked back flow pro-
0 4 | tection, thereby compromising the watertight integrity of that room
0 5 | (T.S. 3.7.10). Modifications to all drain lines in the room were made to
0 6 | restore watertight integrity. Per T.S. 3.7.10, power reduction commenced
0 7 | at 1400 on 11-6-81. Modifications were complete at 1403 on 11-6-81, and
0 8 | power reduction was terminated. Similar event: 50-318/81-47.

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP. SUBCODE		VALVE SUBCODE																	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																
		W	B	B	A	Z	Z	Z	Z	Z	Z	Z	Z	Z																			
LER RD REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.		ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM 510		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER					
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54				
17		8	1		0	7	9		T		0			F	F	B		Z		0	0	0	0	Y		N		Z		Z	9	9	9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Cause of the event was a lack of check valve in the drain lines from

1 1 the service water pump room, a condition dating back to before the

1 2 issuance of an operating license. Electric Engineering Department

1 3 conducted a review of other drain lines in the plant, and found no

1 4 similar situations elsewhere.

7	8	9	FACILITY STATUS											% POWER											OTHER STATUS											METHOD OF DISCOVERY											DISCOVERY DESCRIPTION											80
1	5	E	28	1	0	0	29	NA											D	31	A/E Notification											32	80																									
7	8	9	ACTIVITY											CONTENT											AMOUNT OF ACTIVITY											LOCATION OF RELEASE											80											
1	6	Z	33	Z	34	NA											NA											36	80																													
7	8	9	PERSONNEL EXPOSURES											DESCRIPTION																						80																						
1	7	0	0	0	37	Z	38	NA																						80																												
7	8	9	PERSONNEL INJURIES											DESCRIPTION																						80																						
1	8	0	0	0	40	NA																						80																														
7	8	9	LOSS OF OR DAMAGE TO FACILITY											DESCRIPTION																						80																						
1	9	Z	42	NA																						80																																
7	8	9	PUBLICITY											DESCRIPTION																						80																						
2	0	N	44	NA																						80																																

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PDR ADOCK 05000317
S PDR

NRC USE ONLY

NAME OF PREPARER G. S. Pavis

PHONE 301-269-4742

LER NO. 81-79/1T
DOCKET NO. 50-317
LICENSE NO. DPR-50
EVENT DATE 11-05-81
REPORT DATE 11-19-81
ATTACHMENT

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (CONT'D)

On November 5, 1981, the Architect - Engineer, Bechtel Power Corporation; notified personnel in the Electric Engineering Department that they considered the system design basis of watertight integrity of the service water pump room to be invalid. This statement was made considering the fact that the service water pump room floor and equipment drains (elevation +3') are connected without isolation to the turbine condenser pit (elevation (-)9'). Any internal or external flooding of the pit could result in backflow of the drains and flooding of vital equipment in the pump room. The design flood level in the turbine building is elevation 18'. Though this flooding would be detected and annunciated by non-safety grade instrumentation in the pit and safety grade instrumentation within the service water pump room, no system existed to counteract the inflow to the room. The Electric Engineering Department concurred with this evaluation and notified plant management at 1400. At this point the requirements of Technical Specification 3.7.10.b were imposed as the violation of watertight integrity for the service water pump room due to improper drain line design was comparable to the inoperability of the watertight doors to this room. Modifications were initiated and when not complete at 1400 on 11-6-81, power reduction was initiated in accordance with the Technical Specification. At 1403 on 11-6-81, the modification was deemed complete and the power reduction was terminated. Similar Event: 50-3,8/81-47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

Some service water pump room drains were modified with inflatable plugs and the remaining drain lines were modified with check valves to prevent backflow into the rooms. Operators routinely enter the room twice per shift to obtain readings and at that time, may remove any accumulation of water in the room by removing and replacing the plugs. Safety grade annunciation of a high service water pump room water level would also alert operators of the necessity to drain the room. A facility change request will be initiated to install a permanent modification which will maintain the watertight integrity of the service water pump room. A follow-up report will be submitted concerning the permanent modification.