

LICENSEE EVENT REPORT

CONTROL BLOCK:

							(1)
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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

CON'T

REPORT SOURCE: 0 1 L 6 0 5 0 0 0 3 1 8 7 1 1 0 5 8 1 8 1 1 1 9 8 1 9

7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

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: 50-317/81-79.

0	9	SYSTEM CODE		W	B	CAUSE CODE	B	CAUSE SUBCODE	A	COMPONENT CODE						Z	Z	Z	Z	Z	Z	COMP. SUBCODE	Z	VALVE SUBCODE	Z				
7	8	9	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20						
LER/RO 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 SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
17	17	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	
8	1	—	0	4	7	—	0	1	T	—	0	—	F	F	B	Z	0	0	0	0	Y	N	Z	Z	9	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 con-
1 3 ducted a review of other drain lines in the plant, and found no similar
1 4 situations elsewhere.

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY	DISCOVERY DESCRIPTION						
1	5	E	28	1	0	0	29	NA	30	D	31	A/E Notification	32
3	8	3		10	12		13		44	45	46		

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)
1 6 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 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
NA NA LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES										
NUMBER			TYPE	DESCRIPTION (39)						
1	7	0	0	0	(37)	Z	(38)	NA		

PERSONNEL INJURIES	
NUMBER	DESCRIPTION
1 2	40 NA

1		2		3		4		5		6		7		8		9		10		11		12	
LOS		OF OR		DAMAGE		TO FACILITY		TYPE		DESCRIPTION													
1	9	Z	(42)	NA																			

8 9 10
PUBLICITY
ISSUED DESCRIPTION (45)
[2] [0] [N] (44) NA S PDR
8112040596 8111179
PDR ADOCK 05000318
S PDR
NRC USE ONLY

NAME OF PREPARER G. S. Pavis

PHONE: 301-269-4742

LER NO. 81-47/1T
DOCKET NO. 50-318
LICENSE NO. DPR-69
EVENT DATE 11-05-81
REPORT DATE 11-19-81
ATTACHMENT

05:20

11-19-81

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: 50-317/81-79

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.