

LICENSEE EVENT REPORT

LER 83-1/1T

CONTROL BLOCK:

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	V	T	V	Y	S	1	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	57 CAT 58			

CON'T

0	1
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REPORT SOURCE

L	6	0	5	0	0	0	2	7	1	7	0	1	0	7	8	3	8	0	1	2	1	8	3	9
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DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | When commencing to de-inert the primary containment in preparation for plant
0 3 | shutdown, SB-16-20-20 and 22B failed to close when the operator attempted to secure
0 4 | the nitrogen flow. These valves are containment isolation valves and are required
0 5 | to be operable per T.S. 3.7.D.1. The valves were closed after several actuations
0 6 | of the remote manual switches within 30 seconds of the failure. There were no ad-
0 7 | verse consequences to public health or safety as a result of this event. A similar
0 8 | event was reported as LER 82-15.

0 9		SYSTEM CODE S D		CAUSE CODE X		CAUSE SUBCODE Z		COMPONENT CODE V A L V E X				COMP. SUBCODE F		VALVE SUBCODE D	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
17		EVENT YEAR 8 3		SEQUENTIAL REPORT NO. 0 0 1		OCCURRENCE CODE 0 1		REPORT TYPE T		REVISION NO. 0		ACTION TAKEN B		FUTURE ACTION F	
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		51		52		53		54	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 2 The cause of the failures was an accumulation of ferrous metal particles on the

1 1 magnet used to provide valve position indication. The valves were cleaned, reassem-

1 3 bled, tested and returned to service. The valves are Atkomatic Cat. No. 31840VP1

1 7 MOD. See Attached.

1	4													
7	8	9												
FACILITY STATUS			% POWER			OTHER STATUS (30)			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION (32)		
1	5	E	(28)	0	9	3	(29)	NA	A	(31)	Operator Observation			

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 Z 33 Z 34 NA NA

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

PERSONNEL INJURIES		80	
NUMBER		DESCRIPTION	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
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97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0

1		9		Z		42		NA		8302010199 830121 PDR ADOCK 05000271 S PDR		80	
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PUBLICITY
 ISSUED DESCRIPTION (45)
 2 0 Y (44) Press Release 1/7/83
 NRC USE ONLY

NAME OF PREPARER James P. Pelletier

PHONE (802) 257-7711

NRC USE ONLY

-000-017-926

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

The cause of the failure was an accumulation of ferrous metal particles on the magnet used to provide valve position indication. The valves were cleaned, reassembled, tested and returned to service. These valves are Atkomatic Cat. No. 31840VP1 MOD. To detect any other similar problems, all other containment isolation valves of this type were stroke tested and timed to verify proper operation. All valves tested satisfactorily with stroke times less than 1 second each. SB-16-20-20 and 22B are being cycled weekly to detect any symptoms of degraded performance. These valves will be replaced with Target Rock Solenoid valves during the '83 Refueling Outage.