

CONTROL BLOCK:

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1

0	1	M	D	C	C	N	2	2	0	0	-	0	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	9	LICENSEE CODE				14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT	58	

0	1	REPORT SOURCE										7	0	7	0	1	8	2	8	0	7	3	0	3	2	9																						
7	8											60	61	DOCKET NUMBER										68	69	EVENT DATE										74	75	REPORT DATE										80

0 2 | At 1400 during normal power operations, a drain valve was discovered to
0 3 | be broken off the saltwater discharge line from #21 service water heat
0 4 | exchanger (T.S. 3.7.5.1). The line was temporarily plugged upon dis-
0 5 | covery. At 0535 on 7-1-82, 21 saltwater loop was removed from service
0 6 | while repairs were being made. The line was returned to service at
0 7 | 2235. The redundant saltwater loop remained operable throughout the
0 8 | event. Repetitive events: none.

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		
		W	A	E	D	P	I	P	E	X	X	A					
17		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
23	24	25	26	27	28	29	30	31	32	33	34						
		8	2	0	3	5	0	3	L	0							
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
B	A	Z	Z	0	0	0	0	Y	N	A	C	0	9	5			

1 0 | A 3/4 inch corroded pipe nipple and valve were impacted and severed from

1 1 | the saltwater discharge line. Permanent repair was made with a welded

1 2 | coupling. Replacement of these fittings with REO brass and bronze to

1 3 | prevent corrosion is ongoing in this plant.

1 4 |

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION				
1	5	E	28	1	0	0	29	N/A	A	31	Operator Observation	32
7	8	9	10	11	12	13	14	15	16	17	18	19
ACTIVITY CONTENT		RELEASED OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE						
1	6	Z	33	Z	34	N/A	35	N/A	36			
2	3	4	5	6	7	8	9	10	11			

PERSONNEL EXPOSURES									
NUMBER		TYPE		DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	N/A	

7	8	9	11	12	13	80
PERSONNEL INJURIES						
NUMBER		DESCRIPTION		(41)		

7	8	9	10	11	12	80
		0	0	0	(40)	N/A
LOSS OF OR DAMAGE TO FACILITY (43)						
NUMBER OF PERSONS						

TYPE		DESCRIPTION	
1	9	Z	(42) N/A

7 8 9 10 80

8208080256 820730

ISSUED (45) DESCRIPTION (44) N/A
2 0 N (44) N/A
PDR ADOCK 05000318
S FDR

NAME OF PREPARER M. A. Junge/W. J. Price

PHONE: 301-269-4969/4315

LER NO. 82-35/3L
DOCKET NO. 50-318
LICENSE NO. DPR 69
EVENT DATE 07-01-82
REPORT DATE 07-30-82
ATTACHMENTS

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

A 3/4 inch nipple and valve were impacted and severed from 2-SW-203 penetration on the bottom of number 21 30 inch saltwater discharge line from the service water heat exchanger. The nipple was badly corroded as evidenced by a visual inspection. A wooden plug was used as a temporary repair until a permanent welded coupling repair was accomplished. An ongoing program is currently in progress to replace carbon steel pipe couplings and fittings 2 inches and less in diameter installed in similar applications, with red brass and bronze to prevent corrosion.