

## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	I	D	C	C	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4	5		
7	8	9					14	15											25	26						30	37	CAT	58
LICENSEE CODE								LICENSE NUMBER												LICENSE TYPE									

CON'T

REPORT SOURCE: 0 1 8  
DOCKET NUMBER: 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79  
EVENT DATE: 0 1 2 3 4 5 6 7 8 9  
REPORT DATE: 0 1 2 3 4 5 6 7 8 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | WHILE PERFORMING THE B&C LEAK RATE TESTS, SEVERAL VALVES EXHIBITED EXCESSIVE LEAKAGE

03, CAUSING THE TOTAL LEAK RATE TO EXCEED THE LIMIT IMPOSED BY TECHNICAL SPECIFICATION

3.6.1.2.b. THE PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED. PREVIOUS OCCURRENCES OF

05, A SIMILAR NATURE INCLUDE: 50-315/81-11, 25, 79-34, 78-37, 77-11, 76-23;

05 | 50-316/81-18, 79-20, 53.

0 7 |

38

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

9 10 11 12 13 14 15 16  
 S D E B V A L V E X X D

(17) LER/RO REPORT NUMBER: 8 2 — 0 5 8 / 0 3 X — 1

ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS				ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTUR		
B	18	Z	19	Z	20	Z	21	0	0	0	0	Y	23	Y	24	A	25	M	0	8
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | B AND C LEAK RATE TESTING IDENTIFIED SEVERAL VALVES AS HAVING EXCESSIVE LEAK RATES.

THESE EXCESSIVE LEAK RATES WERE ATTRIBUTED TO A COMBINATION OF DIRT AND SCALE DEPOSITIONS.

ON THE SEATING SURFACES AND EROSION OF THE VALVE SEATS. THE VALVES WERE REPAIRED BY

1	3	A COMBINATION OF CLEANING AND LAPPING THE SEATING SURFACES AND REPLACEMENT OF VARIOU
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1 3 | VALVE COMPONENTS. (SEE ATTACHED SUPPLEMENT)

8 9  
FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)  
1 5 H (28) 0 0 0 (29) NA B (31) SURVEILLANCE TEST

8 9		10		12		13		44		45		46			
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					
1	7	0	0	0	(37)	Z	(38)	NA	(39)

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	3	4	5	6
1	0	0	0	40	NA

TYPE		DESCRIPTION	
1	9	Z	(42) NA

PUBLICITY  
 ISSUED DESCRIPTION (45)  
 2 0 N (44) NA  
 8 9 10  
 8302280389 830217  
 PDR ADOCK 05000315  
 S PDR  
 NRC USE ONLY  
 68 69

PHONE 616-465-5901

ATTACHMENT TO LER# 82-058/03X-1

SUPPLEMENT TO CAUSE DESCRIPTION

B AND C LEAK RATE TESTING IDENTIFIED SEVERAL VALVES AS HAVING EXCESSIVE LEAK RATES. THESE EXCESSIVE LEAK RATES WERE ATTRIBUTED TO A COMBINATION OF DIRT AND SCALE DEPOSITS ON THE SEATING SURFACES AND EROSION OF THE VALVE SEATS. THE VALVES WERE REPAIRED BY A COMBINATION OF CLEANING AND LAPPING THE SEATING SURFACES AND REPLACEMENT OF VARIOUS VALVE COMPONENTS.

DURING PREVIOUS B AND C LEAK RATE TESTS THE NESW VALVES CONSISTENTLY EXHIBITED EXCESSIVE LEAK RATES. THE NESW VALVES WERE REPLACED DURING THIS REFUELING OUTAGE WITH AN IMPROVED TYPE.

FINAL TEST RESULTS AFTER THE REPAIRS OF NUMEROUS VALVES RESULTED IN AN ACCEPTABLE B AND C LEAK RATE OF  $0.128 L_a$  WHICH IS SIGNIFICANTLY LOWER THAN MAXIMUM ALLOWABLE LIMIT OF  $0.6 L_a$ .