

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6 ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	I	D	C	C	2	2	0	0	0	0	0	0	0	0	0	0	0	3	4	1	1	1	1	4		5																													
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																													
L		6		0		5		0		0		0		3		1		6		7		1		2		2		6		7		9		8		0		1		1		7		8		0		9									
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	

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 WHILE PERFORMING THE TYPE B AND C LEAK TEST SEVERAL VALVES EXHIBITED EXCESSIVE

0 3 LEAKAGE CAUSING THE TOTAL AS FOUND LEAK RATE TO EXCEED THE LIMIT SPECIFIED IN

0 4 T.S. 3.6.1.2.b. SIMILAR OCCURRENCES INCLUDE : 050-0315/76-23,77-11, 78-37 AND

0 5 79-34; 050-0316/79-20.

0 6

0 7

0 8

0	9	S	D	11	E	12	B	13	V	A	L	V	E	X	14	X	15	D	16	7	9	0	5	3	0	3	L	0	9	9	9																																																								
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																																												
S		D		11		E		12		B		13		V		A		L		V		E		X		14		X		15		D		16		7		9		0		5		3		0		3		L		0		9		9		9		9																											
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	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 THE MAJOR SOURCE OF EXCESSIVE LEAKAGE WAS FOUND TO BE THE NESW CHECK VALVES.

1 1 TWELVE OF FOURTEEN NESW CHECK VALVES WERE FOUND TO HAVE EXCESSIVE LEAKAGE RATES.

1 2 THIS IS DUE TO SAND DEPOSITS ON VALVE SEATING SURFACES AND PITTED VALVE SEATS.

1 3 OTHER VALVES WHICH INDICATED EXCESSIVE LEAKAGE RATES WERE RANDOM IN NATURE AND NO

1 4 DISCERNABLE PATTERNS ARE EVIDENT. SEE ATTACHED SUPPLEMENT.

1	5	H	28	0	0	0	29	NA	30	B	31	SURVEILLANCE TEST	32	NA	36																
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22																
H		28		0		0		0		29		NA		30		B		31		SURVEILLANCE TEST		32		NA		36					
7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22	

1	6	Z	33	Z	34	NA	35	NA	36						
7	8	9	10	11	12	13	14	15	16						
Z		33		Z		34		NA		35		NA		36	
7		8		9		10		11		12		13		14	

1	7	0	0	0	37	Z	38	NA	39						
7	8	9	10	11	12	13	14	15	16						
0		0		0		37		Z		38		NA		39	
7		8		9		10		11		12		13		14	

1	8	0	0	0	40	NA	41				
7	8	9	10	11	12	13	14				
0		0		0		40		NA		41	
7		8		9		10		11		12	

1	9	Z	42	NA	43		
7	8	9	10	11	12		
Z		42		NA		43	
7		8		9		10	

2	0	N	44	NA	45		
7	8	9	10	11	12		
N		44		NA		45	
7		8		9		10	

NAME OF PREPARER J. L. Rischling

PHONE: 616-465-5901
8001250468

NRC USE ONLY

SUPPLEMENT TO LER #79-053/03L-0

SUPPLEMENT TO CAUSE DESCRIPTION

AFTER INITIAL TESTING, THE VALVES EXHIBITING AN EXCESSIVE LEAKAGE RATE WERE EITHER REPAIRED OR REPLACED. UPON THE COMPLETION OF VALVE REPAIRS, THE FINAL COMBINED TYPE B AND C LEAKAGE WAS $.223 L_a$, WHICH IS WELL BELOW THE $.6 L_a$ T.S. LIMIT. PRESENTLY, THERE IS AN ENGINEERING STUDY IN PROGRESS TO EVALUATE THE NESW SYSTEM: ANALYZE THIS SITUATION AND DEVELOP APPROPRIATE ALTERNATIVES. NO FURTHER ACTIONS ARE CURRENTLY PLANNED.



10/10/10