

LICENSEE EVENT REPORT

CONTROL BLOCK: [] [] [] [] [] [] [] [] [] (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	I	L	D	R	S	3	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	57	CAT 58

CONT

01	L	6	0	5	0	0	0	2	4	9	7	0	9	1	1	8	7	8	8	1	0	1	7	7	8	9
7	8	60	61								68	69							74	75					80	

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | During routine inspections while both shutdown and later operating at 95% power,

03 | leaks were found in 3A, 3B, and 3C feed pump minimum flow lines (3-3205A/B/C-6"). 3B

04 | flow line leak due to crack in pipe to condenser weld. 3A and 3C flow line leaks

05 | were pinholes at top of pipe downstream of 3X6 reducer in 6" diameter piping. Similar

06 | event reported as RO #78-030/03L-0, Docket #050-249. System operation was not

07 | degraded. No adverse effects to public health or safety.

09	C	H	11	B	12	A	13	P	I	P	E	X	X	14	C	15	Z	16
9			10		11		12							13		19		20
17	7	8			0	3	7			0	3				L			0
21	22	23	24	25	26	27	28	29	30	31	32							
B	F	Z	Z		0	0	0	0	Y	N	L	M	3	0	3			
33	34	35	36	37	40	41	42	43	44	47								

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | Excessive flow through pipes apparently caused each leak. Leaks were repaired by

11 | welding. Further corrective action planned to reduce flow velocity will include

12 | replacing the pressure control valve and resizing the restricting orifice in each

13 | minimum flow line.

15	G	28	0	0	0	29	later at 95% pw	B	31	Routine Inspection	32
7	8	9	10	11	12	13	44	45	46		80
16	Z	33	Z	34	NA	35		NA	36		
7	8	9	10	11	44	45					80
17	0	0	0	37	Z	38	NA	39			
7	8	9	11	12	13						80
18	0	0	0	40		41	NA	42			
7	8	9	11	12							80
19	Z	42		43	NA	44					
7	8	9	11	12							80
20	N	44		45	NA	46					
7	8	9	11	12							80

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ATTACHMENT TO LICENSEE EVENT REPORT 78-037/03L-0
COMMONWEALTH EDISON COMPANY (CWE)
DRESDEN UNIT -3 (ILDRS-3)
DOCKET # 050-249

During routine inspections while the Unit 3 reactor was in shutdown and, later, operating at 814 MWe, leaks were found in the 3A, 3B, and 3C reactor feed pump minimum flow lines (3-3205A/B/C-6"). The leak in the 3B minimum flow line was from a crack in the bottom of the weld at the pipe connection to the condenser. The leaks in the 3A and 3C minimum flow lines were pinholes located at the top of each respective pipe just downstream of the 3X6 reducer in the 6" diameter piping. There have been no previous occurrences of failures in the same location as the leak on the 3B line, but there have been several instances of failures (See R.O. 78-030/03L-0, Docket #050-249) on the minimum flow lines of both Unit 2 and 3 in the same location as the leak on the 3A or 3C line. System operation was in no way degraded by the small leaks. No adverse effects on public health or safety resulted as a consequence of this event since leakage entered the turbine building floor drain system with no resulting release of radioactive material to the public.

The cause of the cracks appears to be the result of excessive flow through the pipes. Immediate corrective action for the leak in the 3B line included grinding out the crack and rewelding the entire pipe to condenser weld. For the 3A and 3C pinhole leaks, immediate corrective action consisted of repairing the damaged section of pipe by pad welding. The long term corrective action will reduce the flow velocity by replacing the pressure control valve and resizing the restricting orifice in each minimum flow line.