

LICENSEE EVENT REPORT

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 8 9 N Y J A F 1 2 0 0 - 0 0 0 0 - 0 0 0 3 4 1 1 1 1 4 5
 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T

7 8 9 REPORT SOURCE L 6 0 5 0 0 0 3 3 3 7 1 0 0 6 7 8 8 1 1 0 1 7 8 9
 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0	2	Please See Attachment
0	3	
0	4	
0	5	
0	6	
0	7	
0	8	

7		9		8		SYSTEM CODE M B (11)		CAUSE CODE X (12)		CAUSE SUBCODE Z (13)		COMPONENT CODE Z Z Z Z Z Z Z (14)						COMP. SUBCODE Z (15)		VALVE SUBCODE Z (16)	
17		LER/RO REPORT NUMBER		EVENT YEAR 7 8 (21 22)		23		SEQUENTIAL REPORT NO. 0 8 5 (24 25 26)		27		OCCURRENCE CODE 0 4 (28 29)		REPORT TYPE L (30)		31		REVISION NO. 0 (32)			
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS (22)		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER					
X (18)		X (19)		Z (20)		Z (21)		0 0 0 0 0 (37 38 39 40)		Y (23)		N (24)		Z (25)		Z 9 9 9 (26)					
33		34		35		36		37		41		42		43		44					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	0	Please See Attachment
1	1	
1	2	
1	3	
1	4	

FACILITY STATUS H	(28)	% POWER 0 0 0	(29)	OTHER STATUS NA	(30)	METHOD OF DISCOVERY A	(31)	DISCOVERY DESCRIPTION Ventilation and Stack Samples	(32)
ACTIVITY CONTENT RELEASED OF RELEASE M M	(33) (34)	AMOUNT OF ACTIVITY See Attachment	(35)	LOCATION OF RELEASE See Attachment	(36)				
PERSONNEL EXPOSURES NUMBER TYPE 0 0 Z	(37) (38)	DESCRIPTION NA	(39)						
PERSONNEL INJURIES NUMBER DESCRIPTION 0 0	(40)	DESCRIPTION NA	(41)						
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION Z	(42)	DESCRIPTION NA	(43)						
PUBLICITY ISSUED N	(44)	DESCRIPTION NA	(45)						
								NRC USE ONLY	

NRC USE ONLY

NAME OF PREPARER W. Verne Childs

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The report level specified by Technical Specification, Appendix B, Paragraph 2.3.B.5 was exceeded for the third quarter of the calendar year. The average release rate of Halogens and Particulates with a half-life greater than eight (8) days was 10.75% of specification 2.3.B.2 which is 2.75% above the required report level specified in 2.3.B.5. The average release rates for each month of the quarter are tabulated below:

Halogens and Particulates T 1/2 > 8 Days

<u>July 1978</u>	<u>Release Rate Ci/Sec</u>	<u>Release Rate in % of Instantaneous Limit</u>
Q _S FitzPatrick	5.1×10^{-10}	0.02
Q _S NMP	3.7×10^{-9}	0.16
Q _V FitzPatrick	8.0×10^{-9}	<u>9.01</u>
		9.19
<u>August 1978</u>		
Q _S FitzPatrick	2.6×10^{-10}	0.01
Q _S NMP	4.6×10^{-9}	0.20
Q _V FitzPatrick	3.2×10^{-9}	<u>3.62</u>
		3.83
<u>September 1978</u>		
Q _S FitzPatrick	$< 2.6 \times 10^{-10}$	< 0.01
Q _S NMP	3.2×10^{-9}	0.14
Q _V FitzPatrick	1.7×10^{-8}	<u>19.39</u>
		19.53

The high release rates during the month of July were the result of a number of steam leaks and some fuel pin clad perforation. These conditions resulted in significant increase in the Q_V factor during and following scheduled control rod sequence exchange. A number of steam leaks were repaired and ventilation filters were replaced in an effort to reduce the release rate as evidenced by the August Q_V factor. During September, one scram, several steam leaks, and the scheduled shutdown for refueling and the disassembly of equipment again resulted in a significant increase in the Q_V factor.

In addition to refueling, which will reduce the number of fuel pins with perforated cladding, repair of most of the steam leaks and several leaks in the off gas recombiner system are expected to further reduce the absolute value of the Q_V factor.

The location of approximately 99% of the release was from the turbine and reactor building ventilation systems to the atmosphere.

LER 78-051/04L-0 is a related event.