

LICENSEE EVENT REPORT

CONTROL BLOCK:

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 (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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

CON'T

REPORT SOURCE L 6 0 5 0 0 0 3 3 3 7 1 0 1 8 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)

Please See Attachment

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

7 8 9

0 9		SYSTEM CODE Z Z		11	CAUSE CODE D		12	CAUSE SUBCODE Z		13	COMPONENT CODE Z Z Z Z Z Z					14	COMP. SUBCODE Z		15	VALVE SUBCODE Z		16				
7	8	9	10		11		12		13					14		15		16								
17		LER RO REPORT NUMBER		EVENT YEAR 7 8		21	22	SEQUENTIAL REPORT NO. 0 8 7		24	25	26	OCCURRENCE CODE 0 4		28	29	REPORT TYPE T		30	REVISION NO. 0		32				
ACTION TAKEN X		18	FUTURE ACTION Z		19	EFFECT ON PLANT Z		20	SHUTDOWN METHOD Z		21	HOURS 0 0 0 0		22	ATTACHMENT SUBMITTED Y		23	NPRD-4 FORM SUB. N		24	PRIME COMP. SUPPLIER Z		25	COMPONENT MANUFACTURER Z 9 9 9		26
23		24		25		26		27		28		29		30		31		32		33		34		35		36

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

Please See Attachment

Phase See Attachment

1	0	
1	1	
1	2	
1	3	
1	4	

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

FACILITY STATUS (1) 5 (28) H (29) 0 0 0 (30) NA (31) B (32) Environmental Monitoring Program

ACTIVITY CONTENT RELEASED OF RELEASE (1) 6 (33) Z (34) Z (35) NA (36) NA

PERSONNEL EXPOSURES									
NUMBER		TYPE		DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	(39)

PERSONNEL INJURIES	
NUMBER	DESCRIPTION
41	

7 8 9 10 11 12 NA

LOSS OF OR DAMAGE TO FACILITY (43)

TYPE DESCRIPTION

1 9 Z 42 NA 8

PUBLICITY (45)
ISSUED (44) DESCRIPTION (45)
2 0 N NA
7 8 9 10 68 69 8

NRC USE ONLY

781107

NAME OF PREPARER

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The following Environmental Radiological Monitoring sample is an anomalous measurement based on criteria outlined in the James A. FitzPatrick Nuclear Power Plant Technical Specifications, Appendix B, Paragraph 5.6.2.b:

Periphyton Samples pCi/gm (Wet)

<u>Sample Location*</u>	<u>Date</u>	<u>Co-60 Activity</u>
1) Off-site Oswego Harbor	8/23/78	0.0059 \pm 0.0035
2) On-Site NMPP	8/23/78	0.10 \pm 0.01
3) On-Site JAF	8/23/78	0.03 \pm 0.0057

* See Technical Specifications, Appendix B, for location details.

The activity level of co-60 in sample number 2 is greater than ten times the control station sample (number 1 above) for the same sample period.

The total liquid release of Co-60 for the period of January 1, 1978 to August 23, 1978 was 1.55E-2 Ci. An integrated release of this quantity should not produce any detectable environmental impact, and is well within the discharge limits required by Technical Specifications, Appendix B.

An examination and analysis of similar sample activity data (December 1974 to present) shows a decreasing trend of sample activity in the periphyton samples taken in the vicinity of Nine Mile Point.

It should be noted that detection of a small quantity of Co-60 in the off-site (control) sample indicates the presence of Co-60 in Lake Ontario periphyton.

The control location for periphyton is the Oswego Harbor and based on the meteorology hydrology of the area should not be impacted by plant operation.

Similar events were reported in LER-78-068/04T-0, 78-072/04T-0, and 78-077/04T-0.