(7-77) U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | (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 0 (3)	4 1 1 1 1 (4)	(5)
	LICENSEE CODE	LICENSE NUMBER	LICENSE TYPE	CAT

CON'T

0 1	REPORT SOURCE L (6)	0 5 0 0 0 3 3 3 (7)	0 9 2 5 7 9 (8)	1 0 1 9 7 9 (9)
		DOCKET NUMBER	EVENT DATE	REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Please See Attachment

0 3

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0 9	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
	W E (11)	E (12)	F (13)	X X X X X X (14)	Z (15)	Z (16)

(17) LER RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
7 9	—	0 7 6	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	Z (19)	B (20)	Z (21)	0 0 0 0	Y (23)	N (24)	A (25)	W 1 2 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Please See Attachment

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1 4

1 5	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
	E (28)	0 9 8 (29)	NA	A (31)	Operator Observation

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

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

1 8	NUMBER	DESCRIPTION (41)
	0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

1 9	TYPE	DESCRIPTION
	Z (42)	NA

1200 273

PUBLICITY

2 0	ISSUED	DESCRIPTION (45)	NRC USE ONLY
	N (44)	NA	

7910230 458

NAME OF PREPARER W. Verne Childs PHONE: 315-342-3840

GPO 917-926

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

ATTACHMENT TO LER 79-076/03L-0 Page 1 of 1

During normal operation, after a protracted shutdown of approximately six (6) months, reactor water conductivity indicated an increase from its normal range of less than 1 micromho/cm. This resulted from the exhaustion of some condensate demineralizers and from condenser tube leaks (later discovered). After the conductivity increased toward four (4) micromho/cm, the plant power was reduced in preparation for shutdown since the Technical Specification limit is 5.0 micromoho/cm as set forth in the Technical Specifications Appendix A, Paragraph 3.6.C.4. After this power reduction, six (6) tubes found leaking, were plugged in the condenser. During this operation, the reactor water conductivity increased to a maximum value of 6.0 but then decreased while the plugging operation was in progress. When the conductivity decreased below the Technical Specification limit and when it had been determined that the cause of the high conductivity had been found, further preparation for shutdown after the initial reduction in power to 50%, were discontinued and the reactor returned to the power escalation phase of operation.

The time period that reactor water conductivity was out of specification was short (approximately four (4) hours), corrective action was initiated as soon as practical, and the remaining chemistry specifications were well within limits therefore, the event did not represent a significant hazard to the public health and safety.