

LICENSEE EVENT REPORT

CONTROL BLOCK:

(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 9 14 15 25 26 30 37 CAT 58

CON'T

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Please See Attachment

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SYSTEM CODE C F 11 CAUSE CODE X 12 CAUSE SUBCODE X 13 COMPONENT CODE P U M P X X 14 COMP. SUBCODE X 15 VALVE SUBCODE Z 16
EVENT YEAR 7 9 21 22 SEQUENTIAL REPORT NO. 0 4 2 24 25 OCCURRENCE CODE 0 3 28 29 REPORT TYPE L 30 31 REACTION 32
LER RO REPORT NUMBER 17 ACTION TAKEN X 18 FUTURE ACTION X 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED Y 23 NRPD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER A 1 8 0 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Please See Attachment

1 1

1 2

1 3

1 4

1 5 FACILITY STATUS G 28 % POWER 0 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Surveillance Test 32
7 8 9 10 11 12 13 44 45 46 80

1 6 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36
7 8 9 10 11 12 13 44 45 46 80

1 7 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39
7 8 9 10 11 12 13 44 45 46 80

1 8 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41
7 8 9 10 11 12 13 44 45 46 80

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43
7 8 9 10 11 12 13 44 45 46 80

2 0 PUBLICITY ISSUED N 44 DESCRIPTION NA 45
7 8 9 10 11 12 13 44 45 46 80

NAME OF PREPARER W. Verne Childs 516 030 PHONE: 315-342-3840

NRC USE ONLY

7908060500

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

DOCKET NO. 50-333

ATTACHMENT TO LER 79-042/03L-0

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While in a cold shutdown condition, during the conduct of Operations Surveillance Test F-ST-2R titled "RHR Service Water Pump and MOV Operability Test (ISI)", RHR service water pump 10-P-1A and 10-P-1C could be shown to deliver only 7800 gallons per minute with the common discharge throttle valve in the full open position. Technical Specifications Appendix A, Paragraph 4.5.B.1 requires that these pumps be capable of delivering equal to or greater than 8000 gpm.

Investigation revealed that during a plant modification an orifice was installed in the RHR service water discharge line in order to increase differential pressure across radiation monitors. This orifice sizing change resulted in marginal but satisfactory pump performance.

The redundant RHR service water pumps (10-P-1B and 10-P-1D) were demonstrated operable in accordance with Technical Specifications, therefore, the event did not represent any significant hazard to the public health and safety.

As a temporary measure, the restricting orifice in the discharge line has been removed and will be modified by increasing the size to restore pump performance to an acceptable level. In addition, investigation indicates that the seasonal low level of the ultimate heat sink for the FitzPatrick Plant (Lake Ontario) may be a contributing factor in that the suction head available to the pumps is somewhat lower than observed during earlier conduct of the same test. Further investigation associated with this Licensee Event Report and LER 79-024 which described inadequate discharge head for an Emergency Service Water Pump will be taken into consideration and the details of any corrective action will be provided in a follow-up report.