

LICENSEE EVENT REPORT

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

01 NYJAF1 200-0000-0000 341111 45

CON'T 01 REPORT SOURCE L 605000333 7071379 8080379 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 Please See Attachment
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09 SYSTEM CODE CF 11 CAUSE CODE X 12 CAUSE SUBCODE X 13 COMPONENT CODE PUMPPXX 14 COMP. SUBCODE X 15 VALVE SUBCODE Z 16
17 LER RO REPORT NUMBER 79 EVENT YEAR 79 SEQUENTIAL REPORT NO. 042 OCCURRENCE CODE 03 REPORT TYPE L RELATION
ACTION TAKEN X 18 FUTURE ACTION X 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0000 ATTACHMENT SUBMITTED Y 23 NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER A180 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 Please See Attachment
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15 FACILITY STATUS G 28 % POWER 000 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Surveillance Test 32

16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36

17 PERSONNEL EXPOSURES NUMBER 000 37 TYPE Z 38 DESCRIPTION NA 39

18 PERSONNEL INJURIES NUMBER 000 40 DESCRIPTION NA 41

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43

20 ISSUED N 44 DESCRIPTION NA 45 NRC USE ONLY 7908060500 NAME OF PREPARER W. Verne Childs 516 030 PHONE: 315-342-3840

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.

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