

LICENSEE EVENT REPORT

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

01 NYJAF1 200-0000-000 341111 45

CON'T REPORT SOURCE L 605000333 7082682 8092182 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 During normal shutdown, scheduled instrument testing of control rod hydraulic control unit accumulator pressure switches, level switches and pressure indication revealed 68 of 411 instruments were either out of calibration or not operating properly. No significant hazard existed. See attachment for additional details.

09 SYSTEM CODE RB 11 CAUSE CODE E 12 CAUSE SUBCODE E 13 COMPONENT CODE INSTRU 14 COMP. SUBCODE S 15 VALVE SUBCODE Z 16

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 Instrument drift was the primary cause. Corrective action consisted of calibration on 67 of 68 instruments. One (1) was replaced. See attachment for additional details.

15 FACILITY STATUS H 28 % POWER 000 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Instrument Testing 32

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

17 PERSONNEL EXPOSURES 0 37 Z 38 NA 39

18 PERSONNEL INJURIES 0 40 NA 41

19 LOSS OF OR DAMAGE TO FACILITY Z 42 NA 43

20 ISSUED DESCRIPTION N 44 NA S 8210040332 820921 PDR ADOCK 05000353 PDR

NAME OF PREPARER H N Keith PHONE 342-3840

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7 8 9 14 15 25 26 30 57 58

CONT
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17 LER/RO REPORT NUMBER 18 8 21 22 23 24 26 27 28 29 30 31 32
18 19 20 21 22 23 24 26 27 28 29 30 31 32
ACTION TAKEN X 18 FUTURE ACTION X 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0000 22 ATTACHMENT SUBMITTED Y 23 NPRD-4 FORM SUB. Y 24 PRIME COMP. SUPPLIER N 25 COMPONENT MANUFACTURER G080 26

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18 PERSONNEL INJURIES NUMBER 000 40 DESCRIPTION NA 41

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

20 PUBLICITY ISSUED N 44 DESCRIPTION NA 45
8210040332 820921
PDR ADOCK 05000333
PDR

NAME OF PREPARER H N Keith

PHONE: 342-3840

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

DOCKET NO. 50-333

ATTACHMENT TO LER 82-042/03L-0

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During normal shutdown scheduled instrument testing, the instruments associated with the Control Rod Drive Hydraulic Control Unit Accumulator Pressure Switches, Level Detectors and Pressure Indicator revealed that 68 of 411 instruments were out of tolerance or not operating properly. Tabulated below is a summary of the instruments of concern and the results of the "as found" values.

1. Hydraulic Control Unit Accumulator Pressure Switches (137 total instruments).
Normal pressure switch set point is 940 to 970 PSIG.
Manufacturer: Barksdale - NPRD Code B069

45 units out of tolerance as follows:
40 units between 930 to 939 PSIG
4 units between 920 to 929 PSIG
1 unit at 830 PSIG
2. Hydraulic Control Unit Accumulator Level Switches (137 total instruments).
Normal level switch set point - detection of water in base of unit.
Manufacturer: GEM - NPRD Code B050

22 units did not function
21 units were cleaned and tested satisfactory
1 unit was replaced
3. Hydraulic Control Unit Accumulator Pressure Indicators (137 total instruments).
Manufacturer: Robertshaw - NPRD Code R290

1 unit out of tolerance
1 unit was adjusted

The out of tolerance pressure switches are attributed to instrument drift. The improper position of the level switches is attributed to a slight resistive coating of the electrodes. The out of tolerance pressure indicator is attributed to instrument drift.

To decrease the number of recurrences, increased calibration checks of 20% will be performed during a planned maintenance outage, with greater than seven (7) days duration, on those instruments showing repeated drifting status during the regular schedule instrument testing intervals.

The event did not represent a significant hazard to the public health and safety.

