

LICENSEE EVENT REPORT

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

01 NYJAF1 200-0000-0000 341111 45

CON'T REPORT SOURCE L 605000333 7082382 8091682 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) INTERIM REPORT: During normal operation, Emergency Diesel Generators A and C were declared inoperable following modification of the winding space heaters when required by TS 3.9.B. EDG B and D were tested and were fully operable. No significant hazard existed. See attachment for details.

09 EE 11 B 12 R 13 GENERA 14 D 15 Z 16 17 82 18 03 19 1 20 0 21 0000 22 23 24 25 26 27 28 29 30 31 32 33 X 18 F 19 Z 20 Z 21 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) 10 Overheating of a ventilation cowling within the generator due to an original design error was the cause. The space heaters were de-energized and EDG A and C were returned to service. Evaluation by vendor and licensee continues. See Attachment.

15 E 28 1000 29 NA 30 C 31 Operator Noticed Odor 32 16 Z 33 Z 34 NA 35 NA 36 17 000 37 Z 38 NA 39 18 000 40 NA 41 19 Z 42 NA 43

20 N 44 NA 45 8209280154 820916 PDR ADOCK 05000333 S PDR NRC USE ONLY NAME OF PREPARER V. W. Walz PHONE: 342-3840

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

DOCKET NO. 50-333

ATTACHMENT TO LER 82-039/03L-0

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During normal operation, following installation of a modification to upgrade the Emergency Diesel Generator (EDG) winding space heater capacity on EDG 'A' and 'C' from 750 to 3000 watts, EDG 'A' and 'C' were declared inoperable when required by Technical Specification 3.9.B. Shortly after performing the modification and energizing of the winding space heaters an odor was noted to be emitting from the vicinity of the generator winding space heaters. EDG 'A' and 'C' were declared inoperable to facilitate investigation and EDG 'B' and 'D' were verified operable as required by Technical Specifications.

The modification to increase the generator winding space heater capacity was prompted by a review of winding insulation resistance measurements (polarization index) and a review of vendor drawings. The overheating of the ventilation cowling, although caused directly by the increased heating capacity, actually resulted from the previous long term degradation of the cowling, which caused it to bulge in the direction of the space heaters.

The space heaters have been temporarily de-energized and the diesel generators were declared operable after a detailed inspection. The licensee and generator vendor are presently evaluating permanent modifications to the generator ventilation cowling which will enable the space heating to be operated at the recommended 3000 watt capacity. The preliminary design change calls for replacing the present cowling fabricated of fiberglass with a metallic cowling.

Permanent corrective actions are expected to be finalized within ninety (90) days. A follow-up report will be issued at that time.