

LICENSEE EVENT REPORT

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

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

0 1 F L S L S 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5

LICENSEE CODE LICENSE NUMBER LICENSE TYPE JO CAT 58

CON'T

0 1 REPORT SOURCE L 5 0 5 0 0 0 3 3 5 7 0 6 1 6 8 2 3 0 7 1 6 8 2 9

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With the plant at normal full power operation, during surveillance testing,

0 3 the 1B Diesel Generator Turbocharger failed. The 1B Diesel Generator was

0 4 manually tripped and was out of service for approximately 52 hours.

0 5 The 1A Diesel Generator was verified operable. Similar occurrences which

0 6 involved Diesel Generator Turbocharger failures have been reported in LER's

0 7 17-2, 77-42, 79-21, and 81-47. The occurrence did not affect the

0 8 Health and Safety of the public

0 9

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE

0 9 E E 11 E 12 X 13 E N G I N E 14 Z 15 Z 16

LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

17 8 2 0 2 4 0 3 L 0

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB PRIME COMP SUPPLIER COMPONENT MANUFACTURER

18 Z 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 A 25 E 1 6 0 25

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The 1B Diesel Generator became inoperable due to a failed Turbocharger

1 1 unit. Subsequent inspections indicated a deteriorated soak back oil pump

1 2 was not providing sufficient lubrication to the Turbocharger guide and

1 3 thrust bearings. The Turbocharger and oil pump were replaced.

1 4

FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)

1 5 E 23 0 9 9 29 N/A B 31 Operator Observation

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (26)

1 5 Z 33 Z 34 N/A N/A

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)

1 7 0 0 0 17 Z 38 N/A

PERSONNEL INJURIES NUMBER DESCRIPTION (41)

1 8 0 0 0 18 N/A

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)

1 9 D 42 Cost of replacement of a Diesel Turbocharger

PUBLICITY ISSUED DESCRIPTION (45) N/A

2 0

NAME OF PREPARER P.L. Pace PHONE (305) 552-3654

Cause Description: (Continued)

Initial inspection of the 1B Diesel Generator indicated that the Turbo-charger for the 16 cylinder portion of the Diesel Generator had failed. The Turbocharger was replaced. Subsequent to surveillance testing of the 1B Diesel Generator, problems were experienced in maintaining soak back oil system pressure during Turbocharger coastdown. The loss of oil pressure during Turbocharger coastdown is known to be detrimental to the guide and thrust bearings because of the excess heat of the Turbocharger. The damage could have taken place over a period of surveillance starts or it could have occurred all at once. Corrective actions are being evaluated, probably to include providing some form of indication to the Operator of soak back oil system pressure and/or annunciation of a low oil pressure condition. Continuous indication of soak back oil system pressure and/or annunciation of an off-normal condition, should help prevent recurrences of Turbocharger failures. The Turbocharger and oil pump were replaced.

(335-82-24)