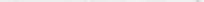


LICENSEE EVENT REPORT

UPDATE REPORT

PREVIOUS REPORT DATE: 11-06-81

CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------|---|---|---|---|---|----|----------------|---|---|---|---|---|---|---|---|---|----|--------------|---|---|---|---|---|----|-----------|---|
| 0 | 1 | M | D | C | C | N | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | | 5 |
| 7 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | LIC INSEE CODE | | | | | | 14 | LICENSE NUMBER | | | | | | | | | | 25 | LICENSE TYPE | | | | | | 30 | 57 CAT 58 | |

CON'T

7 8 60 61 68 69 74 75 80

REPORT SOURCE L 6 0 5 0 0 0 3 1 7 7 1 0 0 8 8 1 8 0 4 1 6 8 2 9

DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | At 0730 during normal operation, #12 Diesel Generator was removed from
0 3 | service for corrective maintenance per T.S. 3.8.11. The redundant A.C.
0 4 | power sources were verified, #12 Diesel Generator was repaired, tested
0 5 | and returned to service at 2110. Unit 2 was at 100% power. This is
0 6 | not a repetitive event.
0 7 |
0 8 |
7 8 9

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----|---------------|----|-----------------------|----|-----------------|----|----------------|----|----------------------|----|------------------|----|----------------------|----|------------------------|----|----|----|----|----|----|
| 09 | | SYSTEM CODE | | CAUSE CODE | | CAUSE SUBCODE | | COMPONENT CODE | | | | COMP. SUBCODE | | VALVE SUBCODE | | | | | | | | |
| 0 | 9 | E | E | B | | B | | E | N | G | I | N | E | Z | Z | | | | | | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | | | | | | | | |
| LER/RQ REPORT NUMBER | | EVENT YEAR | | SEQUENTIAL REPORT NO. | | OCCURRENCE CODE | | REPORT TYPE | | REVISION NO. | | | | | | | | | | | | |
| 17 | | 8 | 1 | — | 0 | 7 | 8 | / | 0 | 3 | X | — | 1 | | | | | | | | | |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | | | | | | | |
| ACTION TAKEN | | FUTURE ACTION | | EFFECT ON PLANT | | SHUTDOWN METHOD | | HOURS | | ATTACHMENT SUBMITTED | | NPRD-4 FORM SUB. | | PRIME COMP. SUPPLIER | | COMPONENT MANUFACTURER | | | | | | |
| A | 18 | Z | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | Y | 23 | Y | 24 | L | 25 | F | 0 | 1 | 0 | 26 |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Two cylinder injectors and a water jacket relief developed leaks on

1 1 #12 Diesel Generator. The injectors were replaced. The relief was

1 2 reinstalled with new 'O' ring. During this corrective maintenance,

1 3 8 Air Blower Discharge Flange Bolts were discovered broken. All

1 4 14 bolts and their inserts were replaced.

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

FACILITY STATUS (28) % POWER (29) OTHER STATUS (30) METHOD OF DISCOVERY (31) DISCOVERY DESCRIPTION (32)

1 5 E 1 0 0 NA A Operator Observation

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 2 33 3 34

AMOUNT OF ACTIVITY (35)

NA

LOCATION OF RELEASE (36)

NA

| PERSONNEL EXPOSURES | | | | | | | | | |
|---------------------|---|---|------|-------------|------|---|------|----|--|
| NUMBER | | | TYPE | DESCRIPTION | | | | | |
| 1 | 7 | 0 | 0 | 0 | (37) | Z | (38) | NA | |

| PERSONNEL INJURIES | | NUMBER | | DESCRIPTION | |
|--------------------|---|--------|---|-------------|----|
| 1 | 8 | 0 | 0 | 40 | NA |

| 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 | | 31 | | 32 | | 33 | | 34 | | 35 | | 36 | | 37 | | 38 | | 39 | | 40 | | 41 | | 42 | | 43 | | 44 | | 45 | | 46 | | 47 | | 48 | | 49 | | 50 | | 51 | | 52 | | 53 | | 54 | | 55 | | 56 | | 57 | | 58 | | 59 | | 60 | | 61 | | 62 | | 63 | | 64 | | 65 | | 66 | | 67 | | 68 | | 69 | | 70 | | 71 | | 72 | | 73 | | 74 | | 75 | | 76 | | 77 | | 78 | | 79 | | 80 | | 81 | | 82 | | 83 | | 84 | | 85 | | 86 | | 87 | | 88 | | 89 | | 90 | | 91 | | 92 | | 93 | | 94 | | 95 | | 96 | | 97 | | 98 | | 99 | | 100 | |
|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|----|--|-----|--|
| 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 | | 31 | | 32 | | 33 | | 34 | | 35 | | 36 | | 37 | | 38 | | 39 | | 40 | | 41 | | 42 | | 43 | | 44 | | 45 | | 46 | | 47 | | 48 | | 49 | | 50 | | 51 | | 52 | | 53 | | 54 | | 55 | | 56 | | 57 | | 58 | | 59 | | 60 | | 61 | | 62 | | 63 | | 64 | | 65 | | 66 | | 67 | | 68 | | 69 | | 70 | | 71 | | 72 | | 73 | | 74 | | 75 | | 76 | | 77 | | 78 | | 79 | | 80 | | 81 | | 82 | | 83 | | 84 | | 85 | | 86 | | 87 | | 88 | | 89 | | 90 | | 91 | | 92 | | 93 | | 94 | | 95 | | 96 | | 97 | | 98 | | 99 | | 100 | |

| PUBLICATION | | ISSUED | | DESCRIPTION | | NRC USE ONLY | | | | | | | | | | | | | | | | | |
|-------------|---|--------|----|-------------|--|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2 | 0 | N | 44 | NA | | | | | | | | | | | | | | | | | | | |
| 7 | 8 | 9 | 10 | | | | | | | | | | | | | | | | | | | | |

NRC USE ONLY

8204270358

J. S. Lagiewski/P. G. Ludwig

PHONE: 301-269-4747/4853

LER NO. 81-78/3X, Rev. 1
DOCKET NO. 50-317
LICENSE NO. DPR-53
EVENT DATE 10-08-81
REPORT DATE 04-16-82
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D.)

No. 8 Cylinder North and #12 Cylinder South injector along with #12 Cylinder Water Jacket Relief developed leaks on #12 Diesel Generator. The injector's leaks were due to deterioration of injectors. The injectors were replaced with rebuilt spares. The Relief Valve Leak was due to foreign material on seating surfaces. The seating surfaces were cleaned and the Relief valve was reinstalled with new 'O' Ring. During the course of this corrective action, 8 of 14 Air Blower Discharge Flange Bolts were discovered to be sheared. The failure of the bolts were determined to be fatigue by material analysis. The bottom 2 or 3 threads of all the inserts were scored preventing the bolts from tightening properly, in effect bottoming out. New inserts were installed with new Grade 8 Bolts after checking for proper thread engagement. No. 12 Diesel Air Blower Discharge Flange and Header were checked for excessive vibration. None existed. A preventive Maintenance Procedure has been initiated to check blower bolts on a bi-weekly basis for detection of possible bolt failure, P.M. Numbers 1-24-M-2W-1 and 2-24-M-2W-1. No. 11 and #21 Diesel Blower Discharge Flange Bolts were torque checked and vibration readings were taken. No discrepancies were noted.