

LICENSEE EVENT REPORT

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

01 | S | C | H | B | R | 2 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5
 7 8 9 14 15 25 26 30 57 CAT 58

CON'T
 01 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 6 | 1 | 7 | 0 | 1 | 2 | 7 | 8 | 0 | 8 | 0 | 2 | 2 | 5 | 8 | 0 | 9
 7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | At 12:27 p.m. on January 27, 1980, during the monthly periodic testing, the Engine
 03 | Driven Fire Pump (EDFP) was rendered inoperable resulting in operation in a degraded
 04 | mode permitted by Technical Specification 3.14.2.2. The Motor Driven Fire Pump was
 05 | operable during the period of time the EDFP was inoperable. This constitutes a
 06 | reportable occurrence per Technical Specification 6.9.2.b.2.

07 |
 08 |

09 | SYSTEM CODE | A | B | 11 | CAUSE CODE | D | 12 | CAUSE SUBCODE | Z | 13 | COMPONENT CODE | E | N | G | I | N | E | 14 | COMP. SUBCODE | Z | 15 | VALVE SUBCODE | Z | 16 |
 7 8 9 10 11 12 13 18 19 20
 17 | LER/RO REPORT NUMBER | 8 | 0 | 21 | 22 | SEQUENTIAL REPORT NO. | 0 | 0 | 2 | 24 | 26 | OCCURRENCE CODE | 0 | 3 | 28 | 29 | REPORT TYPE | L | 30 | REVISION NO. | 0 | 32 |
 7 8 21 22 23 24 26 27 28 29 30 31 32
 ACTION TAKEN | A | 18 | FUTURE ACTION | G | 19 | EFFECT ON PLANT | Z | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 0 | 0 | 0 | 37 | 40 | ATTACHMENT SUBMITTED | Y | 23 | 41 | NPRD-4 FORM SUB. | N | 24 | 42 | PRIME COMP. SUPPLIER | A | 25 | 43 | COMPONENT MANUFACTURER | W | 0 | 5 | 9 | 26 |
 33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | The flexible coupling which connects the engine and the right angle drive of the EDFP
 11 | sheared itself during the "continuous run" portion of the P.T. The failure resulted
 12 | from a failure to properly lubricate the coupling "U" joints. The damaged parts were
 13 | replaced with new parts and the EDFP was test operated and returned to service at 1850
 14 | hours on February 1, 1980. Procedures will be revised to assure proper lubrication in
 15 | the future.

15 | FACILITY STATUS | E | 28 | 0 | 9 | 2 | 29 | OTHER STATUS | Z | 30 | METHOD OF DISCOVERY | B | 31 | DISCOVERY DESCRIPTION | Operator Observation | 32 |
 7 8 9 10 12 13 44 45 46 80

16 | ACTIVITY TAKEN | Z | 33 | CONTENT | Z | 34 | AMOUNT OF ACTIVITY | NA | 35 | LOCATION OF RELEASE | NA | 36 |
 7 8 9 10 11 44 45 80

17 | PERSONNEL EXPOSURES NUMBER | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | NA | 39 |
 7 8 9 11 12 13 80

18 | PERSONNEL INJURIES NUMBER | 0 | 0 | 0 | 40 | DESCRIPTION | NA | 41 |
 7 8 9 11 12 80

19 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 42 | DESCRIPTION | NA | 43 |
 7 8 9 10 80

20 | PUBLICITY ISSUED | N | 44 | DESCRIPTION | NA | 45 |
 7 8 9 10 80

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Enclosure to SERIAL: RSEP/80-239

SUPPLEMENTAL INFORMATION FOR

LICENSEE EVENT REPORT 80-02

1. Cause Description and Analysis: The Engine Driven Fire Pump (EDFP) was rendered inoperable when the flexible coupling which connects the engine and the right angle drive unit sheared itself. Upon inspection of the damaged coupling universal joints it was evident that the joint roller bearings had not been lubricated properly. The flexible coupling is totally enclosed for personnel safety while the EDFP is running. This makes it difficult to locate and lubricate the "U" joints grease fittings. The EDFP is an equal capacity backup to the Motor Driven Fire Pump (MDFP). During that period of time the EDFP was inoperable the MDFP was operable. This failure therefore did not jeopardize the capability of the system to provide its water suppression function.
2. Corrective Action: The flexible coupling and associated parts were replaced and the EDFP was test operated satisfactorily on February 1, 1980, at 1850 hours.
3. Corrective Action to Prevent Future Occurrence: The procedure covering the lubrication of equipment on Unit No. 2 will be revised to identify and include the EDFP flexible coupling fittings. No further action is deemed necessary.

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