

LICENSEE EVENT REPORT

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

01 | I | A | D | A | C | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 5
7 8 9 14 15 25 26 37 38 58

CON'T
01 | REPORT SOURCE | L | 6 | 0 | 15 | 0 | 0 | 0 | 3 | 3 | 1 | 7 | 1 | 1 | 2 | 0 | 1 | 8 | 1 | 3 | 1 | 1 | 2 | 2 | 2 | 8 | 1 | 9
7 8 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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | During normal operation while performing surveillance testing, control b
03 | uilding ventilation system exhaust isolation damper 1V-AD-31A failed to
04 | close. This rendered the "A" control room standby filter unit inoperable
05 | and a 7-day limiting condition for operation was entered per Tech. Spec
06 | L. 3.10.A.3. The redundant system was demonstrated to be operable immedia
07 | tely and daily thereafter. One previous similar occurrence (See RO 81-04
08 | (5).

09 | SYSTEM CODE | S | G | 11 | CAUSE CODE | D | 12 | CAUSE SUBCODE | Z | 13 | COMPONENT CODE | V | A | L | I | V | I | D | P | 14 | COMP. SUBCODE | D | 15 | VALVE SUBCODE | Z | 16
7 8 9 10 11 12 13 14 15 16 17 18 19 20
17 | LER/RO REPORT NUMBER | 8 | 1 | 21 | EVENT YEAR | 8 | 1 | 22 | SEQUENTIAL REPORT NO. | 0 | 4 | 6 | 24 | OCCURRENCE CODE | 0 | 3 | 28 | REPORT TYPE | L | 30 | REVISION NO. | 0 | 32
ACTION TAKEN | A | 18 | FUTURE ACTION | G | 19 | EFFECT ON PLANT | Z | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 0 | 0 | 0 | 22 | ATTACHMENT SUBMITTED | Y | 23 | NPRO-4 FORM SUB. | N | 24 | PRIME COMP. SUPPLIER | A | 25 | COMPONENT MANUFACTURER | H | 1 | 9 | 5 | 25
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE-ACTIONS (27)

10 | Following repairs after a previous event, the damper operator had appar
11 | ently been reinstalled with a severe misalignment. This resulted in rapi
12 | d bearing failure in the DO. The root cause of this and the previous eve
13 | nt was procedural deficiency. The Repair Procedure did not provide adequ
14 | late guidance to properly align the DO. Procedure will be corrected.

15 | FACILITY STATUS | E | 28 | % POWER | 0 | 5 | 2 | 29 | OTHER STATUS | NA | 30 | METHOD OF DISCOVERY | B | 31 | DISCOVERY DESCRIPTION | Surveillance Test | 32
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

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

17 | PERSONNEL EXPOSURES NUMBER | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | NA | 39
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

14 | PERSONNEL INJURIES NUMBER | 0 | 0 | 0 | 40 | DESCRIPTION | NA | 41
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

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

20 | PUBLICITY ISSUED DESCRIPTION | N | 44 | NA | 45
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

DUANE ARNOLD ENERGY CENTER
Iowa Electric Light and Power Company
Licensee Event Report - Supplemental Data
Docket No. 050-0331

Licensee Event Report Date: 12-22-81

Reportable Occurrence No: 81-046

Event Description

During normal operation while performing surveillance testing, control building ventilation system exhaust isolation damper 1V-AD-31A failed to close. This rendered the "A" control room standby filter unit inoperable and a 7-day limiting condition for operation was entered per Tech. Spec. 3.10.A.3. The redundant system was demonstrated to be operable immediately and daily thereafter. One previous similar occurrence (See RO 81-045).

Cause Description

Following repairs made as a result of the previous event, the damper operator had apparently been reinstalled with a severe misalignment between the damper operator shaft and the damper shaft. This resulted in accelerated bearing failure in the damper operator. The root cause of this and the previous event was a procedural deficiency. The Repair Procedure did not provide adequate guidance concerning proper alignment of the damper operator.

Corrective Action

The damper operator cylinder walls were honed and the bearing and shaft were replaced. The damper operator was reinstalled and properly aligned to the damper shaft. The Repair Procedure will be corrected.