

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8012290414 DOC. DATE: 80/12/19 NOTARIZED: NO DOCKET #  
 FACIL: 50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow. 05000331  
 AUTH. NAME: AUTHOR AFFILIATION  
 RAGER, M.S. Iowa Electric Light & Power Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 Region 3, Chicago, Office of the Director

SUBJECT: LER 80-059/03L-0: on 801120, reactor coolant isotopic analysis not completed within scheduled time limit. Caused by germanium-lithium counting sys being inoperative. Spectrum amplifier replaced & coolant test completed.

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7 8 9 14 15 25 28 30 37 CAT 56

CONT  
01 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 3 | 1 | 7 | 1 | 1 | 2 | 0 | 8 | 0 | 3 | 1 | 2 | 1 | 1 | 9 | 8 | 0 | 9  
7 8 60 61 65 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | During normal operation the Reactor Coolant Isotopic Analysis was not co  
03 | mpleted within the scheduled time limit due to the Germanium - Lithium C  
04 | ounting System being inop. The Ge-Li system was repaired and coolant tes  
05 | t completed sat on 11-24-80. Tech Spec 4.6.B.1.b defines coolant testing  
06 | requirements. No previous occurrences of this nature have been recorded.  
07 |  
08 |

09 | SYSTEM CODE | C | G | 11 | CAUSE CODE | E | 12 | CAUSE SUBCODE | F | 13 | COMPONENT CODE | X | X | X | X | X | X | X | 14 | COMP. SUBCODE | 7 | 15 | VALVE SUBCODE | 7 | 16 |  
7 8 9 10 11 12 13 18 19 20  
17 | LER/RO REPORT NUMBER | 8 | 0 | 21 | EVENT YEAR | 8 | 0 | 22 | SEQUENTIAL REPORT NO. | 0 | 5 | 9 | 24 | OCCURRENCE CODE | 0 | 3 | 28 | REPORT TYPE | L | 30 | REVISION NO. | 0 | 32 |  
ACTION TAKEN | B | 18 | FUTURE ACTION | Z | 19 | EFFECT ON PLANT | Z | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 0 | 0 | 0 | 0 | 22 | ATTACHMENT SUBMITTED | N | 23 | NPRO-4 FORM SUB. | N | 24 | PRIME COMP. SUPPLIER | L | 25 | COMPONENT MANUFACTURER | C | 0 | 7 | 0 | 26  
33 34 35 38 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | The spectrum amplifier was replaced to return the Germanium Lithium Coun  
11 | ting System to operability. The test was run sat to fulfill monthly test  
12 | ing requirements. The spectrum amplifier is manufactured by Canberra. No  
13 | further corrective action is deemed necessary at this time.  
14 |

15 | FACILITY STATUS | G | 28 | % POWER | 0 | 0 | 0 | 0 | 29 | OTHER STATUS | NA | 30 | METHOD OF DISCOVERY | A | 31 | DISCOVERY DESCRIPTION | Rad Chem Personnel Observation | 32  
7 8 9 10 12 13 44 45 46

16 | ACTIVITY CONTENT | Z | 33 | RELEASED OF RELEASE | Z | 34 | AMOUNT OF ACTIVITY | NA | 35 | LOCATION OF RELEASE | NA | 36  
7 8 9 10 11 44 45 46

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

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

19 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 42 | DESCRIPTION | NA | 43  
7 8 9 10 11 12

20 | PUBLICITY ISSUED DESCRIPTION | N | 44 | NA | 45  
7 8 9 10 11 12

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8012290414