

ACCESSION NBR: 8008250719 DOC. DATE: 80/08/15 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 80-036/03L-0: on 800718, during power ascension B rod  
 block monitor failed causing control rod block.  
 Caused by improperly seated pin connector at rod select  
 matrix panel. Protective panel to be installed.

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*ROK*  
4

*60*

LICENSEE EVENT REPORT

CONTROL BLOCK: [ ] [ ] [ ] [ ] [ ] (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | I | A | 0 | A | C | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 3 | 5  
7 8 9 14 15 25 28 30 37 CAT 58

CON'T  
0 1 | L | 6 | 0 | 1 | 5 | 0 | 0 | 0 | 3 | 3 | 1 | 7 | 0 | 1 | 7 | 1 | 8 | 8 | 1 | 0 | 3 | 0 | 8 | 1 | 5 | 8 | 0 | 9  
7 8 60 61 65 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)  
0 2 | During power ascension following a reactor shutdown, the "B" Rod Block M  
0 3 | onitor(RBM) failed "inop" causing a control rod block. Channel A RBM was  
0 4 | proved operable before continuing rod withdrawal with the "B" RBM bypass  
0 5 | ed for maintenance. Tech Spec 3.2.C.2. Table 3.2.C specifies that one ins  
0 6 | trument channel must be operable per trip system when plant is in "Run"  
0 7 | mode. The "B" RBM was returned to service approx. one hour later. One pr  
0 8 | evious similar occurrence has been recorded. See R0 79-28.

0 9 | I | B | 11 | E | 12 | A | 13 | I | N | S | T | R | U | 14 | E | 15 | Z | 16 |  
7 8 9 10 11 12 13 14 15 16 17 18 19 20  
17 | LER/RO | EVENT YEAR | SEQUENTIAL | OCCURRENCE | REPORT | REVISION  
REPORT | NUMBER | 8 | 0 | 0 | 3 | 1 | 6 | 0 | 3 | L | 0  
ACTION | FUTURE | EFFECT | SHUTDOWN | HOURS | ATTACHMENT | NPRO-4 | PRIME COMP. | COMPONENT  
TAKEN | ACTION | ON PLANT | METHOD | (22) | SUBMITTED | FORM SUB. | SUPPLIER | MANUFACTURER  
R | 18 | A | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | N | 22 | N | 24 | N | 25 | G | 0 | 8 | 0 | 25

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)  
1 10 | Cause was an improperly seated pin connector at Rod Select Matrix Panel.  
1 11 | Connector apparently worked loose over period of time due to inadverten  
1 12 | t physical contact by personnel. Protective panel to be installed. Pin  
1 13 | connectors were seated and panel tested. GE components. In addition, ne  
1 14 | w locking connectors have been ordered and will be installed when rec'd.

1 5 | F | 23 | 0 | 2 | 9 | 29 | NA | A | 31 | Operator Observation  
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

1 6 | Z | 33 | Z | 34 | NA | NA | LOCATION OF RELEASE (36)

1 7 | 0 | 0 | 0 | 37 | Z | 38 | NA  
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)

1 8 | 0 | 0 | 0 | 40 | NA  
PERSONNEL INJURIES NUMBER DESCRIPTION (41)

1 9 | Z | 42 | NA  
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43)

2 0 | N | 44 | NA  
PUBLICITY ISSUED DESCRIPTION (45)