



LICENSEE EVENT REPORT

UPDATE REPORT - PREVIOUS REPORT DATE: 7-25-80

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

01 | REPORT SOURCE | L | 6 | 0 | 15 | 0 | 0 | 0 | 3 | 3 | 1 | 7 | 0 | 17 | 11 | 12 | 8 | 0 | 3 | 0 | 2 | 0 | 5 | 8 | 1 | 9

02 | Following a plant shutdown the RCIC System was being used to control rea  
03 | ctor pressure. Due to operation of the RCIC System suppression chamber w  
04 | later level began increasing and operations personnel initiated action to  
05 | lower the water level. During the water level reduction the suppression  
06 | chamber low water level alarm did not annunciate and the water volume was  
07 | inadvertently reduced to 57,000 cubic feet. The Tech. Spec. 3.7.A.1 mini  
08 | mum volume is 58,900 cubic feet. No previous occurrences.

09 | SYSTEM CODE | I | D | 11 | CAUSE CODE | X | 12 | CAUSE SUBCODE | Z | 13 | COMPONENT CODE | Z | Z | Z | Z | Z | Z | 14 | COMP. SUBCODE | Z | 15 | VALVE SUBCODE | Z | 16 |

17 | LEI/RO REPORT NUMBER | 8 | 0 | 21 | 22 | SEQUENTIAL REPORT NO. | 0 | 2 | 9 | 24 | 26 | OCCURRENCE CODE | 0 | 1 | 28 | 29 | REPORT TYPE | X | 30 | 31 | REVISION NO. | 1 | 22 |

18 | ACTION TAKEN | F | 18 | 33 | FUTURE ACTION | Z | 19 | 34 | EFFECT ON PLANT | Z | 20 | 35 | SHUTDOWN METHOD | Z | 21 | 22 | HOURS | 0 | 0 | 0 | 0 | 0 | 0 | 22 | ATTACHMENT SUBMITTED | Y | 23 | 24 | NPRO-4 FORM SUB. | N | 24 | 25 | PRIME COMP. SUPPLIER | Z | 25 | 26 | COMPONENT MANUFACTURER | Z | 9 | 9 | 9 | 25 |

15 | FACILITY STATUS | G | 23 | 24 | % POWER | 0 | 0 | 0 | 0 | 29 | OTHER STATUS | NA | 30 | METHOD OF DISCOVERY | A | 31 | 32 | DISCOVERY DESCRIPTION | Operator Observation | 33 |

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DUANE ARNOLD ENERGY CENTER

Iowa Electric Light and Power Company

Licensee Event Report - Supplemental Data

Docket No. 050-0331

Licensee Event Update Report Date: 2-5-81

Reportable Occurrence No: 80-029

Event Description

Following a plant shutdown on July 12, 1980 the RCIC System was being used to control reactor pressure. Due to operation of the RCIC System, suppression chamber water level began increasing and Operations personnel initiated action to lower the water level. During the water level reduction the suppression chamber low water level alarm did not annunciate and the water volume in the suppression chamber was inadvertently reduced to 57,000 cubic feet. The minimum suppression chamber volume allowed by Technical Specification 3.7.A.1 is 58,900 cubic feet. There have been no previous occurrences in which the minimum suppression chamber water volume limit was exceeded.

Cause Description

The cause was determined to be a human engineering design deficiency with a contributing cause of instrument failure. Presently the torus level indication is located in the back panel area of the control room and is not readily available to the operator. The cause of the alarm failure was determined to be bad connections between the alarm relay and the time delay associated with it. The time delay relay is a Potter and Brumfield Model R15.

Corrective Action

The minimum required water volume was restored approximately 14 minutes after discovery of the low water condition. Redundant suppression chamber water level instrumentation will be installed on a front panel in the control room to allow for more accessible level monitoring. The faulty connections in the alarm circuitry were resoldered and the alarm functionally tested. No further corrective action is planned at this time.