

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6 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 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

0 2 On September 8, 1983, while performing LES-GM-119, undervoltage relay 1427-AP037B
0 3 did not trip consistently within the allowable time limits in Technical Specifica-
0 4 tion Table 3.3.3-2. It did trip every time it was tested. No situation where
0 5 voltage has dropped to a level where the time delay would be in effect, as occurred
0 6 since plant operation began. Safe plant operation was maintained at all times.
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0 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 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

1 0
1 1 The cause for the event was a defective, ITE-27, undervoltage relay. The relay was
1 2 replaced per Work Request L27508 on September 8, 1983.
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1 5 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 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 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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NRC USE ONLY

815-357/676T

NAME OF PREPARER James J. Hietala

PHONE:

- I. LER NUMBER: 83-110/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

On September 8, 1983, while performing LES-GM-110, undervoltage relay 1427-AP037B did not trip consistently within the allowable limit in Technical Specification Table 3.3.3-2.

- V. PROBABLE CONSEQUENCES OF THE EVENT:

The relay did trip every time it was tested. It did not, however, meet the time delay limit approximately 1/3 of the times tested. If a complete loss of power to 141Y had occurred, the relay would have responded as designed. If the voltage on the bus had dropped to the level which activated the trip, the time delay before the actual trip occurred may have been longer than designed. The fact that the relay operated during all tests, and that only the time delay was inconsistent with design, minimizes any effect the relay may have had on plant operation. No situation where voltage has dropped to a level where the relay's time delay would be in effect has occurred since plant operation began. Safe plant operation was maintained at all times.

- VI. CAUSE:

The cause for the event was a defective ITE-27 undervoltage relay. This relay had passed the surveillance test prior to fuel load.

- VII. CORRECTIVE ACTION:

The relay was replaced per Work Request L27508. It completed testing satisfactorily and was declared operable on September 8, 1983.

Operational Analysis Department stated that this was an isolated failure. Therefore, no further action is warranted.

Prepared by: James J. Hietala



Commonwealth Edison
LaSalle County Nuclear Station
Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

DMB

October 5, 1983

Mr. James G. Keppler
Regional Administrator
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Sir:

Reportable Occurrence Report #83-110/03L-0 Docket #050-373 is being submitted to your office in accordance with LaSalle County Nuclear Power Station Technical Specification 6.6.B.2.(a). Reactor protection system or engineered safety feature instrument settings which are found to be less conservative than those established by the technical specifications but which do not prevent the fulfillment of the functional requirements of affected systems.

G. J. Diederich
G. J. Diederich
Superintendent
LaSalle County Station

GJD/GW/rg

Enclosure

cc: Director of Inspection & Enforcement
Director of Management Information & Program Control
U.S. NRC Document Management Branch
INPO-Records Center
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