

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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

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CON'T
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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 At 1530 on July 16, 1983, ammonia detector OXY-VC165B was found to be not working.
0 3 The detector was declared inoperable and so stated in the degraded equipment log.
0 4 In accordance with Tech. Spec. 3.3.7.8, the inoperable ammonia detector was returned
0 5 to operable status within 7 days. Safe operation of the plant was maintained at all
0 6 times.
0 7
0 8
0 9

SYSTEM CODE 5 G 11 CAUSE CODE E 12 CAUSE SUBCODE E 13 COMPONENT CODE I N S T R U I 14 COMP. SUBCODE E 15 VALVE SUBCODE Z 16
LER/RO REPORT NUMBER 17 8 3 21 22 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED Y 23 NPR-4 FORM SUB. N 24 PRIME COMP. SUPPLIER X 25 COMPONENT MANUFACTURER x 9 9 9 9 26
ACTION TAKEN A 18 FUTURE ACTION Z 19

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of the occurrence was a failed light bulb. Work request L26033 was written
1 1 to replace the light bulb. This was completed on July 19, 1983.
1 2
1 3
1 4

FACILITY STATUS B 28 % POWER 0 7 1 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Observation 32
ACTIVITY CONTENT Z 33 Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36
PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39
PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41
LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43
PUBLICITY ISSUED N 44 DESCRIPTION NA 45
NRC USE ONLY
NAME OF PREPARER Paul S. Watford PHONE: 815-357/6761 Ext 323

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PDR ADOCK 05000373
S PDR

- I. LER NUMBER: 83-077/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

At 1530 on July 16, 1983, ammonia detector OXY-VC165B was found to be not working. The detector was declared inoperable and so stated in the degraded equipment log. The unit was in the RUN Mode operating at 757 MWE.

- V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

Technical Specification 3.3.7.8 requires two independent chlorine and ammonia detection subsystems to be operable. In accordance with the specification, the inoperable ammonia detector was returned to operable status within seven days. Safe operation of the plant was maintained at all times. The other detector was operable during this event.

- VI. CAUSE:

The cause of the occurrence was a failed light bulb. The component was supplied by MDA Scientific, manufacturer of the ammonia detector.

- VII. CORRECTIVE ACTION:

While the instrument mechanics were performing surveillance LIS-VC-03, it was discovered that the ammonia detector was outside the specified operating limits. The detector was recalibrated and the optical sensor was cleaned. While performing that function, the light went out. It was suspected that the optical sensor had failed. Work Request L26033 was written to repair the component. While troubleshooting, it was discovered that the light bulb, master fault lamp, had failed. This was replaced. The light bulb is wired electrically in series with the optical sensor.

The work request was completed on July 19, 1983.

Prepared by: Paul S. Watford



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

August 4, 1983

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

Dear Sir:

Reportable Occurrence Report #83-077/03L-0 Docket #050-373 is being submitted to your office in accordance with LaSalle County Nuclear Power Station Technical Specification 6.6.B.2.(b), conditions leading to operation in a degraded mode permitted by a limiting condition for operation or plant shutdown required by a limiting condition for operation.

G. J. Diederich
Superintendent
LaSalle County Station

GJD/GW/rg

Enclosure

xc: Director of Inspection & Enforcement
Director of Management Information & Program Control
U. S. NRC Document Management Branch
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