(7-77)

LICENSEE EVENT REPORT

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

0 1 | | | L | L | S | C | 1 (2) | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 (3) | 4 | 1 | 10 | 0 | 10 (4) | | (5)
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CONT
0 1 REPORT SOURCE | L (6) | 0 | 5 | 0 | 0 | 0 | 3 | 7 | 3 (7) | 0 | 6 | 2 | 7 | 8 | 3 (8) | 0 | 7 | 2 | 6 | 8 | 3 (9)
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 6/27/83 at 0315 hours the accumulator trouble alarm for CRD 42-23 energized. The
0 3 alarm was cleared by Operations but re-energized a few minutes later. The CRD was
0 4 declared inoperable per T.S. 3.1.3.5.a.1. Consequences of this event were minimized
0 5 since CRD 42-23 was "full in" and the only inoperable drive at the time. Safe
0 6 operation of the plant was maintained at all times.
0 7
0 8 7 8 9 80

0 9 SYSTEM CODE: R B (11) | CAUSE CODE: E (12) | CAUSE SUBCODE: E (13) | COMPONENT CODE: A C C U M U (14) | COMP. SUBCODE: Z (15) | VALVE SUBCODE: Z (16)
7 8 9 10 11 12 13 18 19 20

(17) LER/RO REPORT NUMBER: EVENT YEAR 8 3 | 0 7 4 | SEQUENTIAL REPORT NO. | OCCURRENCE CODE: 0 3 | REPORT TYPE: L | REVISION NO.: 0
21 22 23 24 26 27 28 29 30 31 32

ACTION TAKEN: B (18) | FUTURE ACTION: Z (19) | EFFECT ON PLANT: Z (20) | SHUTDOWN METHOD: Z (21) | HOURS (22): 0 0 0 0 | ATTACHMENT SUBMITTED: Y (23) | NPRO-4 FORM SUBL: N (24) | PRIME COMP. SUPPLIER: N (25) | COMPONENT MANUFACTURER: G 0 8 0 (26)
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The accumulator trouble alarm energized due to a collection of water over a period of
1 1 years in the level switch instrument block on the HCU. The Instrument Block was
1 2 cleaned and dried per W.R. L25631. The alarm cleared on 6-29-83 with no occurrences
1 3 since.
1 4
7 8 9 80

1 5 FACILITY STATUS: E (28) | % POWER: 0 7 0 (29) | OTHER STATUS (30): NA | METHOD OF DISCOVERY: A (31) | DISCOVERY DESCRIPTION (32): TROUBLE ALARM
7 8 9 10 12 13 44 45 46 80

1 6 ACTIVITY RELEASED: Z (33) | CONTENT OF RELEASE (34) | AMOUNT OF ACTIVITY (35): NA | LOCATION OF RELEASE (36): NA
7 8 9 10 11 44 45 80

1 7 PERSONNEL EXPOSURES NUMBER: 0 0 0 (37) | TYPE: Z (38) | DESCRIPTION (39): NA
7 8 9 11 12 13 80

1 8 PERSONNEL INJURIES NUMBER: 0 0 0 (40) | DESCRIPTION (41): NA
7 8 9 11 12 80

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE: Z (42) | DESCRIPTION: NA
7 8 9 10 80

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2 0 PUBLICITY ISSUED: N (44) | DESCRIPTION (45):
7 8 9 10

8308040435 830726
PDR ADOCK 05000373
S PDR

NRC USE ONLY
68 69 80

NAME OF PREPARER: D. R. Winterhoff

PHONE: (815) 357-6761

GPO 884-118

I. LER NUMBER: 83-074/03L-0

II. DOCKET NUMBER: 050-373

III. LASALLE COUNTY STATION: Unit 1

IV. EVENT DESCRIPTION:

On June 27, 1983 at 0315 hours, the accumulator trouble alarm for Control Rod Drive 42-23 energized. After investigation by operations, nitrogen was bled from the accumulator and a small quantity of water was drained from the instrument block. The accumulator was then recharged and the drive returned to service. A few minutes passed and the accumulator trouble alarm re-energized. After an 8 hour time period with the accumulator still inoperable, the associated control rod for 42-23 was declared inoperable in accordance with Technical Specification 3.1.3.5.a.1.

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

At the time of the occurrence LaSalle Unit 1 was in operational condition 1, RUN MODE, at a power of 2322 MWT. Consequences of this event were minimized by the fact that control rod drive 42-23 was "full in" and the only inoperable drive at the time. The ability of the CRD system to SCRAM and shutdown the reactor was not adversely affected. Safe operation of the plant was maintained at all times.

VI. CAUSE:

An inspection was performed by the Instrument Maintenance Dept. on the accumulator float type magnetic reed level switch for CRD 42-23. A quantity of water was found in the Instrument Block that would have provided actuation for the accumulator trouble alarm. The water was a collection over a period of years, of leakage past the O-Ring and seals of the accumulator piston. This is a result of normal wear from rod movements and scrams.

VII. CORRECTIVE ACTION:

When operations observed the accumulator trouble alarm re-energize, work request #L25631 was generated and assigned to the Instrument Maintenance Dept. They performed an inspection which included draining water and cleaning and drying the level switch and its orifice on the accumulator instrument block. The level switch was placed back in the instrument block and the accumulator was charged to the required pressure. The accumulator trouble alarm cleared and the control rod was declared operable on June 29, 1983 at 0900 hours. No accumulator trouble aralms for HUC 42-23 have energized since.

Prepared by: Dale R. Winterhoff

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

July 26, 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 #83-074/03L-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

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

JUL 29 1983

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