

LICENSEE EVENT REPORT

CONTROL BLOCK:

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | | | | s | d | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 0 | 0 | 0 | 4 | | | 5

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

LICENSE CODE LICENSE NUMBER LICENSE TYPE CAT

CONT

REPORT SOURCE 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

DOCKET NUMBER 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

EVENT DATE 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

REPORT DATE 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On October 28, 1983 the blowdown recorder failed downscale; instrumentation failed also in the Rad Waste Control Room. Action Statement of Technical Specification 3.3.7.10 was entered. There was no radioactive release in progress at the time of the occurrence. Technical Specification 3.3.7.10 action statement 102 allows radioactive release up to 30 days provided flowrate is estimated every 4 hours during the release.

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SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE		COMP. SUBCODE		VALVE SUBCODE		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVIS. NO.		ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRO-8 FORM SUBL.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER																																																																							
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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS	
10	The cause for the failure appears to be due to large concentrations of shad entering
11	the blowdown line and eventually plugging the sensing ports. The probe was repaired
12	under Work Request (L29065) and completed on November 11, 1983. Modification M-1-
13	1-82-125 is in progress and once implemented, should eliminate occurrences of this
14	type. The annubar probe is made by Diederich Standards Corp.

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	5	8	28	0	1	8	29	NA	30
ACTIVITY CONTENT		AMOUNT OF ACTIVITY		LOCATION OF RELEASE					
1	6	7	33	7	34	7	35	7	36
PERSONNEL EXPOSURES		TYPE		DESCRIPTION					
1	7	0	37	0	38	0	39	0	40
PERSONNEL INJURIES		DESCRIPTION							
1	8	0	40	0	41	0	42	0	43
LOSS OF OR DAMAGE TO FACILITY		DESCRIPTION							
1	9	7	42	7	43	7	44	7	45
PUBLICITY		DESCRIPTION							
2	0	N	44	N	45	N	46	N	47

NAME OF PREPARER Vincent Masterson

PHONE: 357-6761

- I. LER NUMBER: 83-134/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

On October 28, 1983, the blowdown recorder failed downscale for no apparent reason. Instrumentation also failed in the radwaste control room. Action Statement of Technical Specification 3.3.7.10 was entered.

- V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

At the time of the occurrence, the plant was in the run mode with the reactor at 18% power. There was no radioactive release to the river in progress. Had it been necessary to release radioactive liquid effluent to the river via the blowdown pipe, action statement 102 of Technical Specification 3.3.7.10 provides for release up to thirty days with an inoperable flow detector provided flowrate is estimated every four hours during the release.

- VI. CAUSE:

Because the probe suddenly failed downscale when previously it had been operating satisfactorily; the failure is believed to be attributed to the high concentration of shad entering the blowdown line and subsequently plugging up the probe.

This failure occurred during the same period in which the large concentrations of shad resulted in reduced power operation of Unit 1 due to clogging and high differential pressure at the suction of the circulating water pumps.

The blowdown probe has failed a number of times as documented in LER's 82-124, 82-149, 82-179, 83-017, 83-109, and 83-362.

- VII. CORRECTION ACTION:

Work Request (L29065) was written to investigate and repair the blowdown probe.

The probe was pulled, the pressure sensing ports cleaned and the probe and transmitter filled, vented and recalibrated. The probe was returned to operation on November 9, 1983.

As addressed in LER 83-362, current plans include a modification for installation of a weir system to solve the availability problem of blowdown probe measurement.

Upon completion of this Modification (M-1-1-82-125) further occurrences of this type should be greatly reduced. The annubar probe is made by Diederich Standards Corp.

Prepared by Vincent Masterson



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

DMB

November 21, 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 #83-134/03L-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/sjc

Enclosure

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

NOV 25 1983

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