

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | 11LLSC1 2 | 00-00000-00 34 | 1000 4 | 5

LICENSEE CODE

LICENSE NUMBER

LICENSE TYPE

CAT 58

CONT

REPORT
SOURCE

L6 | 05000373 7 | 030283 8 | 033183 9

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 | Technical Specification 3.3.7.10 requires the Lake Blowdown Flow Instrumentation to
03 | be operable. On March 2, 1983, the Lake Blowdown Flow recorder was giving incorrect
04 | readings. Flow estimates were taken every 4 hours while discharging per Technical
05 | Specification 3.3.7.10. Safe operation of the plant was maintained at all times.
06 |
07 |
08 |

SYSTEM
CODE

CAUSE
CODE

CAUSE
SUBCODE

COMPONENT CODE

COMP.
SUBCODE

VALVE
SUBCODE

MC 11

E 12

E 13

INSTRU 14

E 15

Z 16

17 LER/RO
REPORT
NUMBER

EVENT YEAR
83

SEQUENTIAL
REPORT NO.
019

OCCURRENCE
CODE
03

REPORT
TYPE
L

REVISION
NO.
0

ACTION
TAKEN
E18

FUTURE
ACTION
G19

EFFECT
ON PLANT
Z20

SHUTDOWN
METHOD
Z21

HOURS
0000

ATTACHMENT
SUBMITTED
Y23

NPRC-
FORM SUB.
N24

PRIME COMP.
SUPPLIER
D25

COMPONENT
MANUFACTURER
D163

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 | The Lake Blowdown Flow Instrument probe was either airborne or plugged. This prevented
11 | the correct signal from being transmitted. As an interim corrective action, the
12 | operating surveillances have been revised to restrict valve position.
13 |
14 |

FACILITY
STATUS

% POWER

OTHER STATUS 30

METHOD OF
DISCOVERY

DISCOVERY DESCRIPTION 32

15 | B28 | 017 29 | NA 30 | A31 | Observation

ACTIVITY
RELEASED OF RELEASE

AMOUNT OF ACTIVITY 35

LOCATION OF RELEASE 36

16 | Z33 | Z34 | NA 35 | NA 36

PERSONNEL EXPOSURES

NUMBER

TYPE

DESCRIPTION 39

17 | 000 37 | Z38 | NA 39

PERSONNEL INJURIES

NUMBER

DESCRIPTION 41

13 | 000 40 | NA 41

LOSS OF OR DAMAGE TO FACILITY

TYPE

DESCRIPTION 43

19 | Z42 | NA 43

PUBLICITY

ISSUED

DESCRIPTION 45

8304110292 830331
 PDR ADDCK 05000373
 S PDR

NRC USE ONLY

20 | N44 |

NAME OF PREPARER

D. Lin

PHONE:

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- I. LER NUMBER: 83-019/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

Technical Specification 3.3.7.10 requires the Lake Blowdown Flow Instrumentation to be operable. On March 2, 1983, the Lake Blowdown Flow Recorder was giving incorrect readings.

- V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

Flow estimates were taken every 4 hours while discharging per Technical Specification 3.3.7.10. Safe operation of the Unit was maintained at all times.

- VI. CAUSE:

The Lake Blowdown flow instrument was either airbound or plugged. This prevented the correct signal from being transmitted. The probe was manufactured by Diederich Standards.

- VII. CORRECTIVE ACTIONS:

It has been determined that the Lake Blowdown flow instrument signal deteriorates over time. As an interim corrective action LaSalle's Radiation Chemistry Department is going to use 20,000 gpm maximum in their dilution calculations. Procedures LOP-WL-04, Lake Level and Blowdown Flow Control, and LOS-AA-01, Daily Surveillance, were changed to restrict the Blowdown Valve position to approximately 50% and a maximum of approximately 60,000 gpm based on blowdown valve position vs. flow graph. When the signal from the probe deteriorates to 30,000 gpm the system will be declared inoperative. This will ensure a 50% margin for dilution calculations.

The Instrument Maintenance Department vented the probe and satisfactorily performed LIS-WL-01, River Discharge Blowdown Line Flow Calibration and Functional Test on March 30, 1983. This problem has occurred previously as reported in LER 82-122/03L-0, LER 82-124/03L-0, LER 82-149/03L-0, LER 82-179/03L-0 and LER 83-017/03L-0.

Prepared by: D. Lin