

LICENSEE EVENT REPORT

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

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

REPORT SOURCE (6) 0 5 10 10 10 13 17 13 (7) 0 4 11 18 18 13 (2) 0 2 2 1 18 14 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

During performance of Visual Inspections per Technical Specification 3.7.9, Mechanical Snubbers R141-1060S found locked between hot and cold settings. The affected piping analyzed by Sargent & Lundy Engineers with defective snubber modeled as rigid. No adverse stresses or loads found on piping or adjacent restraints. Therefore, safe operation of the plant maintained and health and safety of public not affected. Snubber manufactured by Pacific Scientific.

SYSTEM CODE (11) C E CAUSE CODE (12) E CAUSE SUBCODE (13) B COMPONENT CODE (14) S U P P O R T COMP. SUBCODE (15) D VALVE SUBCODE (16) Z

EVENT YEAR (17) 8 3 SEQUENTIAL REPORT NO. (18) 0 3 9 OCCURRENCE CODE (19) 0 3 REPORT TYPE (20) X REVISION NO. (21) 1

ACTION TAKEN (22) C FUTURE ACTION (23) Z EFFECT ON PLANT (24) Z SHUTDOWN METHOD (25) Z HOURS (26) 0 0 0 0 ATTACHMENT SUBMITTED (27) Y NPRO-8 FORM SUBM. (28) N PRIME COMP. SUPPLIER (29) A COMPONENT MANUFACTURER (30) P 0 2 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

Failure determined to be transient on line 1R141BA-10". Transient caused by opening valve 1E51-F064 which caused water to be flashed to steam. Flashing as well as large thermal movements caused failure. All other snubbers on line stroked and two additional failures found. All have been replaced. Long term corrective action tracked by Modification M-1-1-82-26.

FACILITY STATUS (31) B % POWER (32) 0 0 0 OTHER STATUS (33) NA METHOD OF DISCOVERY (34) C Visual Test DISCOVERY DESCRIPTION (35) Visual Test

ACTIVITY RELEASED OF RELEASE (36) Z AMOUNT OF ACTIVITY (37) NA LOCATION OF RELEASE (38) NA

PERSONNEL EXPOSURES (39) 0 0 0 TYPE (40) Z DESCRIPTION (41) NA

PERSONNEL INJURIES (42) 0 0 0 DESCRIPTION (43) NA

LOSS OF OR DAMAGE TO FACILITY (44) Z TYPE (45) NA

PUBLICITY (46) N ISSUED DESCRIPTION (47) NA

8404030170 840221
PDR ADOCK 05000373
S PDR

NAME OF PREPARER

D. A. Spencer

PHONE: 815/357-6761

NRC USE ONLY

- I. LER NUMBER: 83-039/03X-1
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

During performance of Visual Inspections required by Technical Specification 3.7.9, mechanical snubber R141-1060S was found locked between its hot and cold settings. The snubber was located on line 1R141BA-10".

- V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The affected piping was analyzed by Sargent and Lundy with the defective snubber modeled as a rigid restraint. No adverse stresses or loads occurred on any piping or adjacent restraints as a result of this failure. Therefore, safe operation of the plant was maintained at all times. Health and safety of the public was not affected.

- VI. CAUSE:

The failed snubber was dismantled and the cause of failure determined to be a transient on line 1R141BA-10". The transient was caused by water in the line being flashed to steam when valve 1E51-F064 is opened to initiate the Steam Condensing mode of Residual Heat Removal. This flashing, coupled with the large thermal movements normally experienced by the line, caused forces and thermal movements greater than design. Snubber manufactured by Pacific Scientific.

- VII. CORRECTIVE ACTION:

The defective snubber was replaced under Work Request L24119. All other snubbers on lines 1R141BA, 1R141BB and 1R141A were stroked and two similar failures found. These snubbers were replaced under Work Requests L30072 and L30073. All affected piping was analyzed as acceptable by Sargent & Lundy. As a long term corrective action, Modification M-1-1-82-26 tracks the addition of a warming line around valve 1E51-F064.

Prepared by: Dale A. Spencer



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

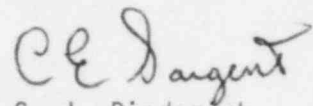
DMB

March 20, 1984

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

Dear Sir:

Reportable Occurrence Report #83-039/03X-1 Docket #050-373 is being submitted to your office to supersede previously submitted Reportable Occurrence Report #83-039/39L-0, in accordance with NUREG-0161, "Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File"; General Instruction No. 3.


G. J. Diederich
Superintendent
LaSalle County Station

GJD/GW/kg

Enclosure

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

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