

## LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 1 L L S C 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 0 1 0 0 4 5  
8 9 LICENSE CODE 14 15 LICENSE NUMBER 25 26 LICE. 30 37 CAT 58

CONT

0 1 REPORT SOURCE L 6 0 5 0 0 0 0 3 7 13 7 0 2 10 17 18 2 2 0 5 0 4 8 13 9  
60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During performance of LIS-HP-09 on 2/07/82, the head correction of 3.75 psig was  
0 3 omitted from the calibration test pressures which left instrument 1E22-N013 out of  
0 4 tolerance in the non-conservative direction. Since this instrument is used to alarm  
0 5 when the HPCS water leg pressure is low, the HPCS system's ability to actuate and  
0 6 perform its safety function was not impaired.

0 7  
0 8  
0 9

SYSTEM CODE 9 S F 11 CAUSE CODE 11 A 12 CAUSE SUBCODE 12 C 13 COMPONENT CODE 13 I N S T R U 14 COMP. SUBCODE 15 S 15 VALVE SUBCODE 16 Z 16  
LER/RO REPORT NUMBER 17 8 3 21 22 EVENT YEAR 23 24 0 3 8 26 SEQUENTIAL REPORT NO. 27 28 0 3 29 OCCURRENCE CODE 30 L 31 REPORT TYPE 32 0 32 REVISION NO.  
ACTION TAKEN 33 H 34 G 35 Z 36 Z 37 0 0 0 40 HOURS 41 Y 42 N 43 Z 44 Z 45 9 9 9 47 COMPONENT MANUFACTURER  
FUTURE ACTION 19 EFFECT ON PLANT 20 SHUTDOWN METHOD 21 ATTACHMENT SUBMITTED 23 NRC-4 FORM SUB. 24 PRIME COMP. SUPPLIER 25

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause was a misunderstanding of how the head correction was to be applied because  
1 1 of the way the setpoint and head correction were listed on LIS-HP-09, Attachment A.  
1 2 A procedure change will be made to clarify the application of Head Correction to the  
1 3 setpoint on the Attachment A of LIS-HP-09.

1 4

1 5 FACILITY STATUS 8 B 28 9 0 0 0 29 10 11 12 13 OTHER STATUS 30 NA 44 METHOD OF DISCOVERY 45 A 31 46 OBSERVATION 47  
DISCOVERY DESCRIPTION 32

1 6 ACTIVITY CONTENT 8 Z 33 9 Z 34 10 11 12 13 AMOUNT OF ACTIVITY 35 NA 44 LOCATION OF RELEASE 36 NA 45

1 7 PERSONNEL EXPOSURES 8 0 0 0 37 9 Z 38 10 11 12 13 DESCRIPTION 39 NA 44

1 8 PERSONNEL INJURIES 8 0 0 0 40 9 10 11 12 13 DESCRIPTION 41 NA 44

1 9 LOSS OF OR DAMAGE TO FACILITY 8 Z 42 9 10 11 12 13 DESCRIPTION 43 NA 44  
8305240229 830504  
PDR ADOCK 05000373  
S PDR

2 0 PUBLICITY 8 N 44 9 10 11 12 13 DESCRIPTION 45 NA 44  
NRC USE ONLY

NAME OF PREPARER

R. Taylor 5/2/83

PHONE:

(815) 357-6761

- I. LER NUMBER: 83-038/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050/373
- IV. EVENT DESCRIPTION:

During recalibration of instrument 1E22-N013 (HPCS Low Water Leg Pressure) for work request L23350 on surveillance procedure LIS-HP-09 dated 4/22/83, the subject instrument was found out of tolerance in the non-conservative direction. The setpoint is indicated on the Attachment A of the procedure to be at 63 psig decreasing with a head correction of +3.75 psig. The allowable tolerance for the switch portion of the instrument was indicated on the Attachment A as plus 3.0 psig, minus 0 psig.. This would put the setpoint between 66.75 psig and 69.75 psig. The "As Found" and "As Left" values recorded on the Attachment A of LIS-HP-09 were both 63.85 psig. Checking back with the instrument mechanic as to why he left the switch out of tolerance, he commented that the way the setpoint and head correction were listed on the Attachment A, he wasn't sure whether he was supposed to add the head correction to the recorded value or just record the switch actuation point minus the head correction. He chose to record the switch actuation point minus the head correction, so, by that fact, the switch was not out of tolerance as the recorded values would indicate. Checking back to the previous performance of LIS-HP-09 on 2/10/82, it was discovered that the head correction was ignored, which left the switch out of tolerance in the non-conservative direction and is the reason for preparing this LER.

V. PROBABLE CONSEQUENCES OF THE OCCURENCE:

Since this instrument is used to alarm when the HPCS water leg pressure is low, the HPCS system's ability to actuate and perform its safety function was not impaired. The plant was maintained safe during the period of time this instrument was out of tolerance (i.e., from 2/10/82 to 4/22/83).

VI. CAUSE:

The cause of this occurrence appears to be a misunderstanding of how the head correction was to be applied and recorded for surveillance procedure LIS-HP-09 by two different individuals on 2/10/82 and 4/22/83. LIS-HP-09 was the only instrument procedure that did not indicate the setpoint to include the head correction.

VII. CORRECTIVE ACTION:

The individuals directly involved with this occurrence were interviewed and the discrepancy itself was discussed with them. The surveillance procedure, LIS-HP-09, will be revised (AIR # 01-83-67001) as soon as practicable to clarify how the head correction is to be applied to the setpoint and how to record the value on the LIS-HP-09, Attachment A. The

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VII. CORRECTIVE ACTION (Cont'd):

technicians involved have been made aware of this problem and cautioned about the proper application of head corrections during the performance of surveillance procedures. Other instrument surveillances have been reviewed for their treatment of head correction and determined to be acceptable.

Prepared by: R. Taylor



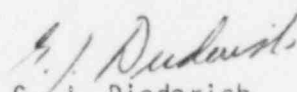
**Commonwealth Edison**  
LaSalle County Nuclear Station  
Rural Route #1, Box 220  
Marseilles, Illinois 61341  
Telephone 815/357-6761

May 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 #83-038/03L-0 Docket #050373 is being submitted to your office in accordance with LaSalle County Nuclear Power Station Technical Specification 6.6.B.2.(c), observed inadequacies in the implementation of administrative or procedural controls which threaten to cause reduction of degree of redundancy provided in reactor protection systems or engineered safety feature systems.

  
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

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