

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1 | L | L | L | S | C | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 0 | 0 | 0 | 4 | 5  
8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 37 CAT 38

NT

REPORT SOURCE L 5 0 5 0 0 0 3 7 3 7 0 6 0 9 8 3 2 0 7 2 1 8 3 9

60 81 DOCKET NUMBER 88 99 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

	EVENT DESCRIPTION AND PROBABLE CONSEQUENCES
2	On June 9, 1983, at 1905, the motor-driven air compressor for the 1B HPCS Diesel
3	broke. The other air compressor for the 1B Diesel air start system was Out-Of-Service.
4	The HPCS system was declared inoperable. During the period when HPCS was declared
5	inoperative, ECCS Divs. 1 and 2 and the RCIC system were operable. Safe plant
6	operation was maintained at all times.

SYSTEM CODE S F 11		CAUSE CODE E 12		CAUSE SUBCODE B 13		COMPONENT CODE B L O W E R 14		COMP. SUBCODE Z 15		VALVE SUBCODE Z 16	
LER/RO REPORT NUMBER 17		EVENT YEAR 8 3 21 22		SEQUENTIAL REPORT NO. 0 7 2 24 26		OCCURRENCE CODE 0 3 28 29		REPORT TYPE 1 30		REVISION NO. 0 32	
ACTION TAKEN A 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22 40		ATTACHMENT SUBMITTED Y 23	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27		NPRD-4 FORM SUB. N 24		PRIME COMP. SUPPLIER A 25		COMPONENT MANUFACTURER 1 0 7 5 26					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS	
10	A bad head gasket had become loose and was blocking the second stage discharge valve.
11	Work Request L25250, for the repair of the compressor, was completed and tested
12	satisfactorily on 6-10-83. The valve assembly will now be replaced during the 6
13	year portion of LMS-DG-1 per AIR 01-83-67067

FACILITY STATUS  
1 5 B 28 0 1 5 29 NA A 31 Observation

% POWER  
10 12 13

METHOD OF DISCOVERY  
45 46

DISCOVERY DESCRIPTION  
32

ACTIVITY CONTENT  
RELEASED OF RELEASE  
1 6 Z 33 Z 34 NA

AMOUNT OF ACTIVITY  
35

LOCATION OF RELEASE  
36

PERSONNEL EXPOSURES  
NUMBER TYPE DESCRIPTION  
1 7 0 0 0 37 Z 38 NA

PERSONNEL INJURIES  
NUMBER DESCRIPTION  
1 8 0 0 0 40 NA

LOSS OF OR DAMAGE TO FACILITY  
TYPE DESCRIPTION  
1 9 Z 42 NA

PUBLICITY  
ISSUED DESCRIPTION  
2 0 N 44

8308040405 830721  
PDR ADDCK 05000373  
S PDR

NRC USE ONLY  
68 69

NAME OF PREPARER

J. J. Hietala

PHONE: 357-6761

I. LER NUMBER: 83-072/03L-0

II. LASALLE COUNTY STATION: Unit 1

III. DOCKET NUMBER: 050-373

IV. EVENT DESCRIPTION:

On June 9, 1983, at 1905, the motor-driven air compressor for the 1B HPCS Diesel failed. The other air compressor for the 1B Diesel air start system was Out-Of-Service. The HPCS system was declared inoperable.

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

During the period when HPCS was declared inoperative, ECCS divisions 1 and 2 and the RCIC system were operable. Safe plant operation was maintained at all times.

VI. CAUSE:

The air compressor safety relief valve between stages (it is a 2 stage compressor) kept lifting, causing a low pressure output, much less than the required 200 psi. The relief valve kept opening because of a bad head gasket had become loose and was blocking the second stage discharge finger valve. The compressor is an Ingersoll Rand Type 30, Model 253.

VII. CORRECTIVE ACTION:

Work Request L25250 was initiated on 6-9-83. The compressor valve assembly was replaced and the compressor was tested satisfactorily on 6-10-83.

The valve assembly (including gaskets) will be replaced in the future during the 6 year portion of LMS-DG-1 per AIR 1-83-67037.

Prepared by J. J. Hietala



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

July 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 #83-072/03:-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.

*C. E. Sargent*

*for* 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

JUL 25 1983  
1/1 FEJ2