

LICENSEE EVENT REPORT

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

LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

REPORT SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

On 9-1-83 at 0930 hours during the performance of LOS-RH-Q3, RHR AMin. Flow Bypass Valve, 1E12-F064A, failed to close. The reactor was in cold shutdown at the time. Had RHR A received an ECCS initiation signal, the flow to the reactor would have been reduced due to recirc. through the min. flow line. Operable ECCS systems were RHR B & C and HPCS. Safe plant operation was maintained.

SYSTEM CODE 9 10 CAUSE CODE 11 CAUSE SUBCODE 12 COMPONENT CODE 13 VALV OIP 14 COMP. SUBCODE 15 VALVE SUBCODE 16

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

The tripper fingers which hold the motor operator in handwheel operation were found broken. It is believed that this may have hindered valve movement and caused motor damage. The motor was repaired and new tripper fingers installed. Work was complete on 9-21-83 and the valve was tested satisfactorily.

FACILITY STATUS 28 % POWER 29 OTHER STATUS 30 METHOD OF DISCOVERY 31 DISCOVERY DESCRIPTION 32

- I. LER NUMBER: 83-108/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

On September 1, 1983 at 0930 hours during the performance of LOS-RH-Q3, RHR A Minimum Flow Bypass Valve, 1E12-F064A, failed to close when demanded closed from control room panel 1H13-P601.

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

At the time of the surveillance the reactor was in Condition 4, Cold Shut-down. Had RHR A received an ECCS initiation signal, the flow to the reactor would have been reduced due to recirculation through the min. flow line. Operable ECCS systems were RHR B & C and HPCS.

Safe plant operation was maintained.

VI. CAUSE:

Upon investigation, the valve motor was found to have low resistance in the windings of one phase, indicative of shorted windings. When the motor was removed, the tripper fingers which hold the motor operator in handwheel operation were found to be broken. It is believed that the broken tripper may have hindered valve movement, causing the motor damage.

VII. CORRECTIVE ACTION:

Nuclear Work Request #L27115 replaced the limit switch cams and tripper lever fingers. This work was completed on 9-18-83.

Work Request #L27469 replaced the motor operator thermal overloads, which had failed bench testing. This work was complete on 9-16-83.

Work Request #L27323 was cancelled due to redundancy with W.R. L27469.

Work Request #L27695 was initiated to repair the valve motor. The motor was rewound and replaced on 1E12-F064A.

All work complete, the valve was satisfactorily tested per LOS-RH-Q3 on 9-21-83.

Prepared by: R. W. Houston



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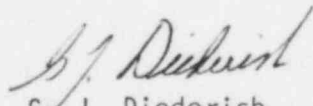
Dmb

September 29, 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 #83-108/03L-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/rg

Enclosure

cc: Director of Inspection & Enforcement
Director of Management Information & Program Control
U. S. NRC Document Management Branch
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