

- I. LER NUMBER: 83-063/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

On June 13, 1983 at 0930 hours with Unit One operating at 800 MWE, the Div. I Hydrogen Recorder read 1% and was declared inoperable. At the time of the occurrence, Div. II Post LOCA Hydrogen Monitor had been voluntarily taken out of service to repair the sample pump under W.R. L25248. In accordance with Technical Specification 3.3.7.5.b., a 48-hour time clock was started.

- V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

Technical Specification 3.3.7.5.b requires that a minimum of one channel of the drywell hydrogen monitoring system be operable and if less than the minimum number of channels is operable, restore the inoperable channel(s) to operable status within 48 hrs. or be in at least hot shutdown within the next 12 hours. Division 2 Post LOCA Hydrogen Monitor was returned to service and operable fifty minutes after Division I Hydrogen Monitor was declared inoperable. If it had become necessary to monitor drywell hydrogen concentration between the time Div. I Hydrogen Monitor was declared inoperable and Division 2 Hydrogen Monitor was restored to operability, monitoring could have been achieved through sampling of drywell atmosphere at drywell continuous air monitors. Safe operation of the plant was maintained.

- VI. CAUSE:

The occurrence was due to Division I Post LOCA Hydrogen Analyzer cell being out of calibration. Dirt or dust particles in the metering valve caused the analyzer cell to be out of calibration. As the reagent gas flow is changed by dirt particles in the metering valve, a calibration drift is induced in the hydrogen monitor. The Post LOCA containment monitoring panels are manufactured by Comsip Delphi Inc.

- VII. CORRECTIVE ACTION:

Work Request L25324 was written to troubleshoot and repair the Division I Post LOCA Hydrogen Monitor. The reagent gas flowmeter control valves were replaced to provide better flow metering. The monitor was satisfactorily calibrated per LIS-PC-07. Division I Post LOCA Hydrogen Monitor was placed back in service and declared operable within the 7 day time limit required per Technical Specification 3.3.7.5.a at 1640 hours on 6/13/83.

Prepared by: R. S. Dus/K. Kalmon



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July 11, 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 #83-063/03L-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.

CE Diederich
for 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
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