





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

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June 1, 1983

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

Dear Sir:

Reportable Occurrence Report #83-045/03L-0 Docket #050-373 is being submitted to your office in accordance with LaSalle County Nuclear Power Station Technical Specification 6.6.3.2.(a). Reactor protection system or engineered safety feature instrument settings which are found to be less conservative than those established by the technical specifications but which do not prevent the fulfillment of the functional requirements of affected 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  
Info-Records Center  
File/NRC

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- I. LER NUMBER: 83-045/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

On May 6, 1983, during the performance of LIS-HP-10, Reactor Vessel High Water Level HPCS Injection Valve Closure Calibration and Functional Test; level indicating switch 1B21-N100A was found out of tolerance. The Technical Specification Table 3.3.3-2 allowable value is 56". The "as found" value was 56.87". The switch was immediately readjusted and returned to service within allowable tolerances.

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

At the time of the occurrence the Reactor was in the shutdown mode. Although level indicating switch 1B21-N100A was found out of tolerance, the switch was fully operational and would have functioned at 0.87" higher than the allowable value of 56".

Redundant level indicating switch 1B21-N100B which provides the same function as 1B21-N100A was fully operational and within allowable setpoint limits.

Safe plant operation was maintained at all times.

VI. CAUSE:

The level indicating switch 1B21-N100A is a Model 288A, manufactured by ITT Barton. These instruments have been known to drift from time to time and have been documented in LER's 82-152, 83-11 and 83-34. When examined, the switches perform correct mechanically. However, the setpoints tend to drift over a period of time. A reason for the drift has yet to be found.

VII. CORRECTIVE ACTION:

Level indicating switch 1B21-N100A was recalibrated and readjusted upon discovery of out of tolerance condition. The level indicating switch is currently being trended per LAP-100-12 along with several other ITT Barton Model 288A instruments. If current trending indicates an inherent problem with the Barton Model 288A, consideration will be given to adjusting the setpoint to compensate for instrument drift or to replacement of existing Barton 288A Models.

Prepared by: Vincent Masterson