



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

February 18, 1988

DCW

| PRIORITY ROUTING |           |
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FILE 1795

Mr. A. Bert Davis  
 Regional Administrator  
 Region III  
 U.S. Nuclear Regulatory Commission  
 799 Roosevelt Road  
 Glen Ellyn, Illinois 60137

Dear Mr. Davis,

This special report is being submitted to update cause and corrective actions of previously submitted special report in accordance with Technical Specifications 3.7.7, Action a, 6.6.C, and the C. W. Schroeder to J. G. Keppler letter dated December 22, 1983, regarding LaSalle Unit 1 Drywell Temperature.

On October 2, 1987 at 1600 hours with Unit 1 operating at 87.7% power, it was observed that a sensor (ITE-VP075) near the "A" Reactor Recirculation Pump was reading 150.3 degrees F which is greater than the Technical Specification 3.7.7 limit of 150.0 degrees F. The temperature remained above 150 degrees F for 12 hours until the Operating Department lowered the Primary Containment Chilled Water (PCCW) temperature entering the drywell. Since reducing the PCCW temperature, ITE-VP075 has stabilized at approximately 148 degrees F.

Historically, ITE-VP075 has read approximately 125 degrees F. However, since the recent Unit 1 mid-cycle outage (prior to this event), this sensor has read approximately 148 degrees F. During a shutdown, where access to the drywell was permitted, the cause for this higher temperature was determined to be loose wires at the RTD head assembly. These wires were tightened. With the unit at power the sensor is now reading, about 121 degrees F which is normal for this condition.

The Sargent and Lundy analysis shows that the temperature limit of 150 degrees F affects only one Environmental Qualification (E.Q.) Binder. The components associated with this binder are the four (4) safety related containment monitoring (CM) sensors (ITE-CM058, 59, 60 and 61) which are also a part of the drywell temperature monitoring program. Since the CM sensors, which monitor their own temperatures, have not indicated a temperature above 133 degrees F, these values are more applicable than the readings of sensor ITE-VP075. In addition, no other sensor in the vicinity of ITE-VP075 showed any corresponding rise in temperature. Therefore, there is no safety related equipment in the drywell that is being affected by the temperature (indicated by ITE-VP075) exceeding the 150 degree F Technical Specification limit.

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*G. J. Diederich 2/19/88*  
 G. J. Diederich  
 Station Manager  
 LaSalle County Station

GJD/KCW/kg

xc: Nuclear Licensing Administrator  
 NRC Resident Inspector  
 U.S. NRC Document Control Desk  
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