



Commonwealth Edison
LaSalle County Nuclear Station
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DMB

February 8, 1984

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

Dear Sir:

This special report is submitted in accordance with LaSalle Unit Operating License NPF-11, Appendix A, Technical Specification 3.7.7 and 6.6.c.

Between January 11, 1984, and January 13, 1984, and between January 21, 1984, and January 23, 1984, the 0, 1A, and 1B Diesel Generator Room temperatures were outside the limits of Technical Specification 3.7.7. They require a minimum room temperature of 65°F and a maximum of 122°F when the service equipment is not operating.

Between January 9, 1984, and January 13, 1984, the Unit 2 Division 1 Switchgear Room temperatures were outside the limits of Unit 1 Technical Specification 3.7.7. The Unit 1 Technical Specifications require a minimum room temperature of 65°F when the serviced equipment is not operating. The Unit 2 Technical Specification, however, has a 50°F minimum.

A special log of ambient room temperatures was measured hourly. Table 1 indicates the amount by which the 65°F limit was exceeded and the cumulative time the temperature in the affected area exceeded the limit. At no time did the temperatures in the affected area drop to less than 35°F (30°F below the limit of Table 3.7.7-1 U-1 Technical Specifications) and no equipment was declared inoperable due to low temperatures. This event occurred while LaSalle Unit 1 was in the RUN Mode and LaSalle Unit 2 was in Mode 5, Refuel.

An analysis by Sargent & Lundy has been performed as required by Technical Specification 3.7.7. All of the equipment in the Diesel Generator and Switchgear Rooms that is safety related or required for safe shutdown can start and operate at temperatures as low as 38°F without adverse effects.

The 125 Volt and 250 Volt Division 1 batteries in the Unit 2 Division 1 Switchgear Room had their capacities reduced by approximately 20% during this period, however, this reduction in capacity had no effect on Unit 1

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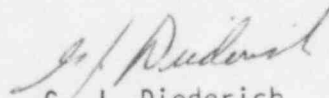
(125 Volt battery only required for closing the AC unit crosstie breakers) or on Unit 2 which was in refueling mode. The rooms' temperature changes were gradual which precludes condensation inside equipment located in these areas.

The cause of the low Diesel Generator Room temperatures was due to the installation of additional station heaters. These heaters were being installed per Modification package M-1-0-82-069. The installation was completed on February 2, 1984.

The cause of low room temperatures in the U-2 Division I Switchgear Room was due to the outside air suction damper actuator 2VX19YA failure in its failed open position. This allowed outside air to enter the room.

The system dampers have been moved to the recirculation mode. This has the suction damper closed and the recirculation damper open.

The temperatures in all the rooms have returned within the limits of the Technical Specifications.



G. J. Diederich
Superintendent
LaSalle County Station

GJD/JCR/PSW/ra

cc: LSCS Senior Resident Inspector

Table 1

Cumulative Time Temperature Exceeded its Limit

DT (°F)	# of Hours			
	0 D/G	1A D/G	1B D/G	U-2 Div 7 surge
1	19	15	14	
2	20	3	4	
3	29	8	9	
4	7	5	7	
5	35	14	6	
6	7	4	2	
7	6	0	2	
8		1	6	24
9		1		0
10		1		24
(54°F) ← 11		1		0
12				0
13				0
14				0
15				24
16				0
17				4
18				0
19				18
20				0
21				0
22				15
23				1
24				1
25				0
26				6
(38°F) ← 27				1