

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) PALISADES PLANT										DOCKET NUMBER (2) 0 5 0 0 0 2 5 5										PAGE (3) 1 OF 0 2	
TITLE (4) EEQ DEFICIENT ESF ROOM THERMOSTATS																					
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)											
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES					DOCKET NUMBER(S)							
0 9	0 9	8 5	8 5	0 1 7	0 1	1 2	0 5	8 5	NA					0 5 0 0 0							
									NA					0 5 0 0 0							
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)																					
Q. 1.3 MO. 4 (8)		N		20.402(b)		20.405(c)		80.73(a)(2)(iv)		73.71(b)											
POWER LEVEL (10)		0 1 3 8		20.405(a)(1)(i)		80.36(a)(1)		80.73(a)(2)(v)		73.71(e)											
				20.405(a)(1)(ii)		80.36(a)(2)		80.73(a)(2)(vi)		OTHER (Specify in Abstract below and in Text, NRC Form 305A)											
				20.405(a)(1)(iii)		80.73(a)(2)(i)		80.73(a)(2)(vii)(A)													
				20.405(a)(1)(iv)		80.73(a)(2)(ii)		80.73(a)(2)(vii)(B)													
				20.405(a)(1)(v)		80.73(a)(2)(iii)		80.73(a)(2)(ix)													
LICENSEE CONTACT FOR THIS LER (12)																					
NAME R A Fenech, Technical Engineer, Palisades										TELEPHONE NUMBER											
										AREA CODE 6 1 6											
										7 6 4 - 8 9 1 3											
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																					
CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPDOS											
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR							
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)										<input checked="" type="checkbox"/> NO											

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On September 9, 1985, with the Plant at power, a review of Electrical Equipment Qualification (EEQ) issues determined that the Engineered Safeguards Room cooler temperature control switches did not meet the schedule requirements of 10CFR50.49. The room cooler fans were subsequently placed in operation in manual to bypass the temperature switches.

Evaluation determined that, as a result of a transfer of responsibility for the qualification of the switches, no specific group was assigned to ensure compliance with the 10CFR50.49 requirements.

The temperature switches have been installed and are awaiting operational testing. Until testing is completed, the room coolers will be operating in manual. A review of the EEQ list determined this error to be an isolated occurrence. Official project scope changes will be reviewed with the involved departments to ensure proper transfer of responsibility.

This occurrence resulted from administrative errors in the implementation of 10CFR50.49. Immediate action was provided to ensure adequate Engineered Safeguards Room Cooling.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
PALISADES PLANT	05000255	85	017	010	2	OF 2

TEXT (If more space is required, use additional NRC Form 368A's) (17)

At 1300 on September 9, 1985, with the Plant at 38 percent power, a review of Electrical Equipment Qualification issues determined that certain temperature switches [VF,TS] did not meet the requirements of 10CFR50.49. The temperature switches are provided to control the operation of the Engineered Safeguards Room coolers [VF,CLR]. The room cooler fans [VF,FAN] were subsequently placed in operation in manual to bypass the temperature switches.

10CFR50.49(g) requires final environmental qualification of certain electric equipment by March 31, 1985. In addition, extensions to a date no later than November 30, 1985 were available under certain circumstances. The Engineered Safeguards Room Temperature switches had been previously identified as equipment requiring environmental qualification, and would therefore require final qualification per the requirements of 10CFR50.49.

Evaluation of the occurrence determined that no specific responsibility had been assigned to comply with the commitment to install qualified Engineered Safeguards Room temperature switches by March 31, 1985, or to provide the NRC with an extension request in advance, if the commitment date could not be met. The error occurred as a result of a transfer of responsibility for replacement of the temperature switches from an engineering projects group to a plant department.

The temperature switches have been installed and are awaiting operational testing. Until testing is completed, the room coolers will be operating in manual to bypass the switches. The switches are TS-1849, 1850, 1851, 1852, 1856, 1857, 1858, and 1859. The unqualified units are Johnson Control, Model T-7170 temperature switches.

The Electrical Equipment Qualification list was reviewed to ensure that all equipment was appropriately addressed in accordance with the requirements of 10CFR50.49. The use of official scope changes will be reviewed with involved departments to ensure proper transfer of project responsibilities.

The Engineered Safeguards Room air coolers are required for equipment cooling after a Loss of Coolant Accident. There are two engineered safeguards rooms, each with a separate cooling unit. Each cooling unit is provided with two ventilation fans. The temperature switches are provided to control the operation of the redundant fans. Failure of the switches could be circumvented by manual control of the ventilation fans.

This occurrence resulted from administrative errors in the implementation of 10CFR50.49 requirements. Immediate action was provided to ensure adequate Engineered Safeguards Room Cooling.



Consumers
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Company

General Offices: 1945 West Parnall Road, Jackson, MI 49201 • (517) 788-0550

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US Nuclear Regulatory Commission
Document Control Desk
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DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT -
LICENSEE EVENT REPORT 85-017 REVISION 1 -
"EEQ DEFICIENT ESF ROOM THERMOSTATS"

Licensee Event Report (LER) 85-017, Revision 1 (EEQ Deficient ESF Room
Thermostats) is attached. This revision is being submitted due to a
clarification in the text regarding the immediate action.

Brian D Johnson
Staff Licensing Engineer

CC Administrator, Region III, USNRC
NRC Resident Inspector - Palisades

Attachment