

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) PALISADES PLANT										DOCKET NUMBER (2) 0 5 0 0 0 2 5 5										PAGE (3) 1 OF 2	
TITLE (4) INADVERTENT PORV ACTUATION																					
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 8	2 6	8 5	8 5	0 1 5	0 0	0 9	2 5	8 5	N/A			0 5 0 0 0									
									N/A			0 5 0 0 0									
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following: (11))																			
POWER LEVEL (10)		20.402(b)				20.406(c)				80.73(a)(2)(iv)				73.71(b)							
		20.406(a)(1)(i)				80.36(a)(1)				80.73(a)(2)(v)				73.71(e)							
		20.406(a)(1)(ii)				80.36(a)(2)				80.73(a)(2)(vi)				<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 365A)							
		20.406(a)(1)(iii)				80.73(a)(2)(iii)				80.73(a)(2)(vii)(A)				Special Report							
		20.406(a)(1)(iv)				80.73(a)(2)(iv)				80.73(a)(2)(vii)(B)											
		20.406(a)(1)(v)				80.73(a)(2)(v)				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	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC											
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 August 26, 1985, an inadvertent actuation of both Power Operated Relief Valves resulted from a primary coolant system pressure transient. A heatup from cold shutdown was in progress, with the pressurizer solid. Two primary coolant pumps were operating, and system pressure was at 300 pounds.

The occurrence was attributed to a normal pressure increase resulting from the start of a third primary coolant pump. An approximate 30 pound error in the primary coolant system pressure indication used by operators was subsequently discovered and was the reason that insufficient margin existed between primary coolant system pressure and the PORV setpoint to allow for the normal pressure spike associated with the start of the third primary coolant pump.

A precaution will be placed in the appropriate operations procedure to ensure adequate margin to the PORV setpoint is available prior to starting a primary coolant pump. A description of the pressure indication error will be submitted as Licensee Event Report 85-018.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) PALISADES PLANT	DOCKET NUMBER (2) 0 5 0 0 0 2 5 5	LER NUMBER (3)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	0 1 5	0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 365A 2/117)

At 1129 on August 26, 1985, an inadvertent actuation of both Power Operated Relief Valves (PORV) [AB;RV] resulted from a Primary Coolant System [AB] pressure transient. Technical Specification 3.1.8(b) requires that, in the event the PORVs are used to mitigate a pressure transient, a Special Report be prepared and submitted.

Prior to the PORV actuation, a plant heatup from cold shutdown was in progress. The pressurizer [AB;PZR] was solid, and two of the four primary coolant pumps [AB;P] were operating. Primary Coolant System pressure was at approximately 300 pounds, as provided by a wide range pressure recorder. The PORV setpoint was 375 pounds.

At 1128 on August 26, a third primary coolant pump was started. Shortly after the pump started, an expected pressure increase to approximately 330 pounds was indicated by a pressure recorder. At 1129, both PORVs opened and subsequently reseated properly. A sharp pressure decrease to 220 pounds resulted. Pressure subsequently returned to 300 pounds as indicated by a pressure recorder.

Subsequent review of the occurrence did not identify any abnormal equipment responses. The PORV setpoints were verified to be satisfactory. The occurrence was attributed to a normal pressure increase resulting from a primary coolant pump start with system pressure near the PORV setpoint.

On September 14, 1985, during a calibration of the pressurizer pressure transmitters, an approximate 30 pound error was discovered. The error gave low pressure indications to the plant operators but had no effect on the PORV setpoint. As a result of the indication error, insufficient margin between primary system pressure and the PORV setpoint existed to allow for the normal pressure spike associated with the start of the third primary coolant pump.

A precaution will be placed in the appropriate operations procedure to ensure adequate margin to the PORV setpoint is available prior to starting a primary coolant pump. A description of the pressure indication error will be submitted as Licensee Event Report 85-018.



Consumers
Power
Company

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

September 25, 1985

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT -
LICENSEE EVENT REPORT 85-015 - INADVERTENT PORV ACTUATION

Licensee Event Report (LER) 85-015 (Inadvertent PORV Actuation) is attached.
This event is reportable to the NRC as a special report per Palisades
Technical Specification 3.1.8.

Brian D Johnson
Staff Licensing Engineer

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

Attachment



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Brian D Johnson (Signed)

Brian D Johnson
Staff Licensing Engineer

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

Attachment