

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
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TITLE (4)
MAIN STEAM RELIEF VALVES FAIL TO MEET "AS FOUND" PRESSURE ACCEPTANCE CRITERIA

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 1	1 3	8 6	8 6	0 0 4	0 0	0 2	1 2	8 6	N/A		0 5 0 0 0 0
									N/A		0 5 0 0 0 0

OPERATING MODE (9) N

POWER LEVEL (10) 0 1 0 h

(THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11))

20.402(b)	20.408(a)(1)(i)	20.408(a)(1)(ii)	20.408(a)(1)(iii)	20.408(a)(1)(iv)	20.408(a)(1)(v)	90.73(a)(2)(iv)	90.73(a)(2)(v)	90.73(a)(2)(vi)	90.73(a)(2)(vii)(A)	90.73(a)(2)(vii)(B)	90.73(a)(2)(viii)	90.73(a)(2)(ix)	73.71(b)	73.71(e)	OTHER (Specify in Abstract below and in Text, NRC Form 306A)

LICENSER CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
R A Fenech, Technical Engineer, Palisades	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 NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
	0 4	1 5	8 6

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

On January 13, 1986, with the plant shutdown for refueling, it was determined, after testing and evaluation, that fourteen of twenty-four Main Steam Safety Relief Valves were outside the Palisades Technical Specification Acceptance Criteria of +1% of set pressure.

All but one of the valves were within 2% of set pressure, with that one being within 2.8% of set pressure. These valves were overhauled by a representative of the valve manufacturer and set within specifications. The valves were judged to be in good repair. The drift outside the acceptance criteria is attributed to a combination of setting the valves near the fringes of the tolerance band during the last outage and to the normal corrosion deposit buildup during operation.

The safety significance of this event is under investigation and will be addressed in a supplement to this report.

Reference LER 83-074.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 6	0 0 4	0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 388A's) (17)

As required by Palisades Technical Specifications 3.1.7.c, the Palisades Main Steam Safety Relief Valve Numbers RV-0701 through RV-0724 [SB;RV] were tested for set pressure.

This test started with the seven valves scheduled for overhaul, being tested for "as found" set pressure, overhauled, retested and set to within specifications. Three of the seven valves failed the "as found" acceptance criteria of +1% of specified set pressure therefore requiring the additional seventeen valves to be tested. Eleven of those seventeen were found outside the acceptance criteria. All valves except one were within 2% of their set point. That one valve was within 2.8% of its set point. These valves were overhauled by a representative of the valve manufacturer and set to within specifications.

The valves were outside the acceptance criteria mainly because of the combination of setting the valves near the fringes of the tolerance band during the last outage and the normal corrosion deposit buildup during operation.

The evaluation of the safety significance of this event is under investigation and will be addressed in a supplement to this report.

Action being taken involves investigating the possibility of increasing the acceptance criteria on the "as found" set pressure.



Consumers
Power
Company

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

February 12, 1986

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT -
LICENSEE EVENT REPORT 86-004 - MAIN STEAM RELIEF VALVES
FAIL TO MEET "AS FOUND" PRESSURE ACCEPTANCE CRITERIA

Licensee Event Report (LER) 86-004, (Main Steam Relief Valves Fail To Meet "As Found" Pressure Acceptance Criteria) is attached. This event is reportable to the NRC per 10CFR50.73(a)(2)(1).

Brian D Johnson / gkx

Brian D Johnson
Staff Licensing Engineer

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

Attachment