

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) PALISADES NUCLEAR PLANT	DOCKET NUMBER (2) 0 5 0 0 0 2 5 1 5	PAGE (3) 1 OF 0 1 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 2 0	3 2	3 8	8 9	N/A			0 5 0 0 0
									N/A			0 5 0 0 0

OPERATING MODE (9) N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)											
POWER LEVEL (10) 0 0 0	20.402(b)	20.402(e)	20.402(i)(v)	73.71(b)	20.402(a)(1)(i)	20.402(e)(1)	20.402(i)(v)	73.71(e)	20.402(a)(1)(ii)	20.402(e)(2)	20.402(i)(v)	OTHER (Specify in Abstract below and in Text, NRC Form 308A)
	20.402(a)(1)(iii)	X	20.402(i)(vii)(A)		20.402(a)(1)(iv)	20.402(e)(2)(i)	20.402(i)(vii)(B)		20.402(a)(1)(v)	20.402(e)(2)(ii)	20.402(i)(vii)(B)	
	20.402(a)(1)(v)		20.402(i)(vii)(B)		20.402(a)(1)(vi)	20.402(e)(2)(iii)	20.402(i)(vii)(B)		20.402(a)(1)(vii)	20.402(e)(2)(iv)	20.402(i)(vii)(B)	
	20.402(a)(1)(vii)		20.402(i)(vii)(B)		20.402(a)(1)(viii)	20.402(e)(2)(v)	20.402(i)(vii)(B)		20.402(a)(1)(viii)	20.402(e)(2)(vi)	20.402(i)(vii)(B)	
	20.402(a)(1)(viii)		20.402(i)(vii)(B)		20.402(a)(1)(ix)	20.402(e)(2)(vii)	20.402(i)(vii)(B)		20.402(a)(1)(ix)	20.402(e)(2)(viii)	20.402(i)(vii)(B)	

LICENSEE CONTACT FOR THIS LER (12)

NAME C S Kozup, Technical Engineer, Palisades Plant	TELEPHONE NUMBER AREA CODE: 6 1 6 7 6 4 - 8 9 1 3
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPSDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPSDS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

Abstract

On January 13, 1986 with the Plant shutdown for refueling, it was determined, after testing and evaluation, that 14 of 24 main steam safety relief valves were outside the Palisades Technical Specification acceptance criteria of ± 1 percent of set pressure.

All but one of the valves were within 2 percent of set pressure with that one being within 2.8 percent 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.

An evaluation determined that there was no safety significance to this event. An amendment to Palisades Technical Specification 3.1.7.6 was received from the NRC on November 14, 1988. This amendment changes the "as found" acceptance criteria from ± 1 percent to ± 3 percent of the required lift point.

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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 2	0 2	OF	0 2

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

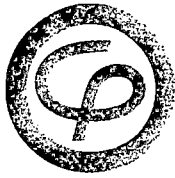
As required by Palisades Technical Specifications (TS) 3.1.7.c the Palisades main steam safety relief valve numbers RV-0701 through RV-0724 [SB;RV] were tested for set pressure.

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 percent of specified set pressure, therefore requiring the additional 17 valves to be tested. Eleven of those 17 were found outside the acceptance criteria. All valves except one were within 2 percent of their set point. That one valve was within 2.8 percent 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 determined that there was no significant impact on the Palisades FSAR Chapter 14 safety analysis and the Palisades Plant was not in an unsafe condition due to lift points on the safety valves being out of specification.

Action to prevent recurrence of this event requires a change to the acceptance criteria on the "as found" set pressure in the TS. A TS Change Request to change the "as found" set pressure tolerance from ± 1 percent to ± 3 percent was submitted to the NRC on August 4, 1988. Subsequently, on November 14, 1988 Amendment 116 to the Palisades TS was issued by the NRC changing the tolerance to ± 3 percent.



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March 23, 1989

Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT -
LICENSEE EVENT REPORT 86-004-02 - MAIN STEAM RELIEF VALVES FAIL TO MEET "AS
FOUND" PRESSURE ACCEPTANCE CRITERIA

Licensee Event Report (LER) 86-004-02 (Main Steam Relief Valves Fail to Meet "As Found" Pressure Acceptance Criteria) is attached. IE Inspection Report 86014 noted that this LER was being held open pending an update which details actions regarding the submittal of a Technical Specification Change Request to relax the "as found" acceptance criteria. These acceptance criteria have been changed as indicated by Amendment 116 to the Palisades Technical Specifications. The outstanding commitment to provide a revision to this LER was identified in the Palisades SALP 8 report dated August 15, 1988. The March 23, 1989 due date was established with the Palisades Resident Inspector. This event was reportable to the NRC per 10CFR50.73(a)(2)(i).

Brian D Johnson
Staff Licensing Engineer

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

Attachment

IE22
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OC0389-0101-NL02

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED