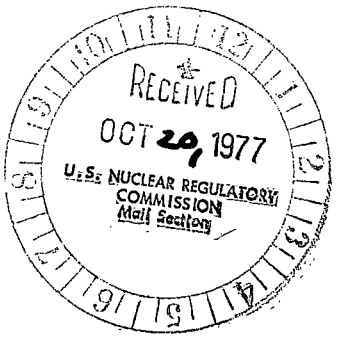
P. Lanham

REGULATORY DOCKET FILE COPY

Consumers Power Company

General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • Area Code 517 788-0550

October 10, 1977



Mr James G Keppler
Office of Inspection and Enforcement
Region III
US Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

DOCKET 50-255 - LICENSE DPR-20 -
PALISADES PLANT - CORRECTED
ER-77-029 AND ER-77-038

Attached are two corrected Event Reports 77-029 and 77-038 for the Palisades Plant.

ER-77-029 was erroneously classified as a 30-day report when it should have been classified as a prompt report.

ER-77-038 has been changed to reflect a violation of Technical Specifications as a result of IE Inspection Report 77-11.

David P. Hoffman

David P Hoffman
Assistant Nuclear Licensing Administrator

CC: ASchwencer, USNRC

OCT 12 1977

CORRECTED

LICENSEE EVENT REPORT

Palisades

CONTROL BLOCK: [1 6]

(PLEASE PRINT ALL REQUIRED INFORMATION)

	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01	MIPAL1	00-00000-00	4111	01
	7 8 9 14	15 25	26 30	31 32

	CON'T	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01	**	T	L	050-0255	060877	070877
	7 8 57 58	59	60	61 68	69 74	75 80

EVENT DESCRIPTION

02 Routine once-per-shift checks identified a high level condition for safety injection
03 tank, T82C, which exceeded Technical Specification 3.3.1.b requirements by 1.6 percent.
04 The other three tanks were within specifications. The level was adjusted to bring
05 T82C within specifications.
06 (ER-77-029)

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07	SF	E	INSTRU	A	F180	Y
	9 10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

08 On 6/8/77 a Deviation Report was initiated for the "as found" indication for C safety
09 injection bottle level transmitter/indicator. It was found that instrument drift
10 (specifically zero drift) had produced a 3-4 percent error in level indication. The
(Contd on Attached Sheet)

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	E	100	NA	b	Normal once-a-shift log sheet readings.
	7 8 9	10 12	13 44	45	46 80

	FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12	Z	Z	NA	NA
	7 8 9	10	11 44	45 80

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION
13	000	Z	NA
	7 8 9 11	12	13 80

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
14	000	NA
	7 8 9 11	12 80

PROBABLE CONSEQUENCES

15 See the attached sheet.

LOSS OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
16	Z	NA
	7 8 9	10 80

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 NA

19

Cause Description Continued From Line 10

instrument was recalibrated and an evaluation was performed of the consequences of this error assuming that it had existed over the previous five months. While this evaluation was in progress, the C SI bottle level was found to be 60% (1.6 percent above the Technical Specifications limit) at 0015 on 6/8/77. The level was returned to within specifications by 0100 the same morning. Meanwhile, the concurrent investigation revealed that numerous violations from 1 to 2 percent below the Technical Specifications limit had occurred for C bottle under the above assumption. The discrepancy developed due to conflicts between the bottle level indicators and high-low level switch alarms.

Probable Consequences From Line 15

Since the violations described above are of such similar nature, they are being treated in a single event report. It should be noted that since the violations occurred for only one of the four SI bottles and that the other three had normal levels, the total volume available in each instance for a safety injection was certainly within acceptable limits.

CORRECTED

LICENSEE EVENT REPORT

Palisades

(PLEASE PRINT ALL REQUIRED INFORMATION)

CONTROL BLOCK: [ ] (1–6)

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01 MIPAL1 (7–14)	00-00000-00 (15–25)	41111 (26–30)	01 (31–32)

CON'T	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 ** (57–58)	T (59)	L (60)	05002755 (61–68)	081477 (69–74)	082677 (75–80)

EVENT DESCRIPTION

During the quarterly testing of the containment penetration No 4, purge air exhaust, the penetration did not hold the minimum required pressure per Tech Spec 4.5.2. The plant was shut down within the required 48 hours and repairs initiated to repair Fisher Continental butterfly valve (CV-1805). (ER-77-038)

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
SD (10)	E (11)	VALVEX (12–17)	A (43)	F125 (44–47)	Y (48)

CAUSE DESCRIPTION

The valve is a 48" butterfly valve with pressurized rubber seats. Inspection of the seat showed that it was badly worn from interaction with the valve disc. Normal wear may have been compounded by improper timing of the valve seat pressurization with (contd on Line 18)

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
E (9)	100 (10–12)	commenced shutdown (13–44)	b (45)	NA (46–80)

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
Z (9)	Z (10)	NA (11–44)	NA (45–80)

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
000 (9–11)	Z (12)	NA (13–80)

PERSONNEL INJURIES

NUMBER	DESCRIPTION
000 (9–11)	NA (12–80)

PROBABLE CONSEQUENCES

NA

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
Z (9)	NA (10–80)

PUBLICITY

NA

ADDITIONAL FACTORS Continued from "Cause Description"

valve closure. The valve is designed so that after the valve is fully closed, the rubber seat is pressurized to force the seat against the valve disc. Inspection procedures have been modified to emphasize proper timing of seat pressurization.