



**Consumers
Power
Company**

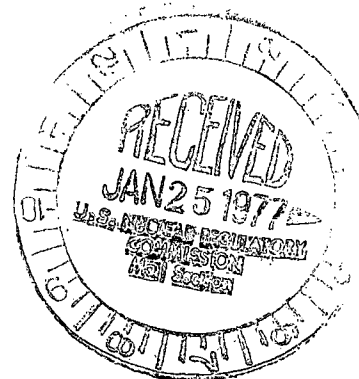
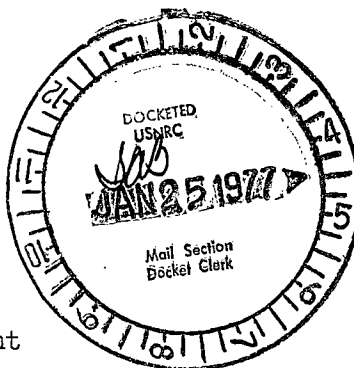
Regulatory

File Cy.

W. Lanham

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

January 11, 1977



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

DOCKET 50-255, LICENSE DPR-20 -
PALISADES PLANT - ER-76-46 -
DISCHARGE WITHOUT PRIOR NEUTRALIZATION

The attached event report relates to the inadvertent discharge of chemicals without proper neutralization.

David A. Bixel

David A Bixel
Assistant Nuclear Licensing Administrator

863

JAN 17 1977

LICENSEE EVENT REPORT

Palisades

CONTROL BLOCK:

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME														LICENSE NUMBER														LICENSE TYPE										EVENT TYPE			
01 M I P A L 1														0 0 - 0 0 0 0 0 - 0 0														4 1 1 1 1										0 1			
7 8 9 14														15 25														26 30										31 32			

REPORT TYPE				REPORT SOURCE				DOCKET NUMBER														EVENT DATE										REPORT DATE									
01 CONT * *				T L				0 5 0 - 0 2 5 5														1 2 2 5 7 6										0 1 1 1 7 7									
7 8 57 58				59 60				61 68														69 74										75 80									

EVENT DESCRIPTION (Classified on 12-28-76 as a Reportable Occurrence)

02 During a shift change on 12-24-76 a neutralizer tank was being drained. The on-														80			
03 coming operator did not close the drain valve on completion of the release. Two														80			
04 demineralizer regenerations were conducted the following day with regeneration														80			
05 chemicals passing through the neutralizer tank open drain valve to the plant discharge														80			
06 mixing basin. The open drain valve was discovered (See Line 18)														80			
														80			

SYSTEM CODE				CAUSE CODE				COMPONENT CODE										PRIME COMPONENT SUPPLIER				COMPONENT MANUFACTURER										VIOLATION			
07 Z Z				A				Z Z Z Z Z Z										Z				Z 9 9 9										Y			
7 8 9 10				11				12 17										43				44 47										48			

CAUSE DESCRIPTION

08 The cause of this occurrence was both the result of poor communication between														80			
09 operating shifts and operator error. The operator has been advised of the necessity														80			
10 to close the drain valve and procedure changes are being made to require checking the														80			
drain valve closed.														80			

FACILITY STATUS				% POWER				OTHER STATUS										METHOD OF DISCOVERY				DISCOVERY DESCRIPTION									
11 E				1 0 0				NA										a				NA									
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 0 0 0				Z				NA									
7 8 9 11				12				13 80									

PERSONNEL INJURIES

NUMBER				DESCRIPTION									
14 0 0 0				NA									
7 8 9 11				12 80									

PROBABLE CONSEQUENCES

15 This event is not related to the safe operation of the plant.														80			
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LOSS OR DAMAGE TO FACILITY

TYPE				DESCRIPTION									
16 Z				NA									
7 8 9 10				80									

PUBLICITY

17 None														80			
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ADDITIONAL FACTORS

18 following the second regeneration. Approximately 1,000 gallons of 3.5% NaOH and														80			
19 1,400 gallons total of 2% and 4% H ₂ SO ₄ were released.														80			