

LICENSEE EVENT REPORT

Palisades

(PLEASE PRINT ALL REQUIRED INFORMATION)

CONTROL BLOCK:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|----|----|--|--|--|--|--|--|----------------|---|---|---|---|---|---|---|---|---|---|---|--------------|----|---|---|---|---|------------|----|----|--|
| 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 | 3 | | | |
| 7 | 8 | 9 | | | | 14 | 15 | | | | | | | | | | | | | | | | | | | 25 | 26 | | | | | 30 | 31 | 32 | |

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

EVENT DESCRIPTION

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 02 | Following plant trip and subsequent start-up on January 11 and 12, 1977, these events | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
| 03 | occurred which resulted in discharge water above the 5°F limit. The discharges | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
| 04 | averaged about 3°F over the limit. The total time over the limit for the events | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
| 05 | was 265 minutes and the maximum temperature was 12°F over the limit. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
| 06 | (ER-77-04) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |

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

CAUSE DESCRIPTION

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 08 | These events were related to either the effects of a plant trip or placing the | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
| 09 | cooling towers in service in preparation for plant start-up. NPDES limits were | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
| 10 | not exceeded. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|--|---------|--|--|--|--------------|--|---|---|---|------------|--|--|---------------------|--|--|--|-----------------------|---|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| FACILITY STATUS | | | | % POWER | | | | OTHER STATUS | | | | | | | | METHOD OF DISCOVERY | | | | DISCOVERY DESCRIPTION | | | | | | | | | | | | | | | | | |
| 11 | C | | | | | | | | | 0 | 0 | 0 | Plant Trip | | | | | | | | a | NA | | | | | | | | | | | | | | | |
| 7 | 8 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|--|--------------------|--|--|--|--------------------|--|---|----|--|--|--|--|---------------------|--|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| FORM OF ACTIVITY RELEASED | | | | CONTENT OF RELEASE | | | | AMOUNT OF ACTIVITY | | | | | | | | LOCATION OF RELEASE | | | | | | | | | | | | | | | | | | | | |
| 12 | Z | | | | | | | | | Z | NA | | | | | | | | NA | | | | | | | | | | | | | | | | | |
| 7 | 8 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 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 | None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
|----|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

LOSS OR DAMAGE TO FACILITY

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|----|--|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| TYPE | | | | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 2 | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 8 | 9 | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |

PUBLICITY

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 17 | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

ADDITIONAL FACTORS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 18 | NA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

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| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

8306280592 770131
PDR ADOCK 05000255
S PDR



Consumers
Power
Company

12 FILE COPY

COPY

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

January 24, 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 - ER-77-04 -
DISCHARGE ABOVE 5°F LIMIT

Attached is a reportable occurrence which related to the Palisades Plant.
This occurrence involves the discharge of cooling water above the 5°F limit
and occurred during plant and/or cooling tower start-up or shutdown.

David A Bixel (Signed)

David A Bixel
Assistant Nuclear Licensing Administrator