

ATTACHMENT

Consumers Power Company
Palisades Plant - Docket 50-255

COPIES OF NON-RADIOLOGICAL NPDES PERMIT VIOLATION REPORTS
May 1984 through October 1984

8412110345 841130
PDR ADOCK 05000255
R PDR



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General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

June 11, 1984

Mr Fred Morley
District Supervisor
Plainwell District Office Building
621 North 10th Street
PO Box 355
Plainwell, MI 49080

FILE NO: P10.2.1

INCIDENT NO: PAL-84-05-AD93

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-84-05-AD93 is submitted as a report of an apparent difference from the daily maximum effluent limitations for this facility.

If you have any questions regarding the attached report, please contact this office.

R L Fobes
Senior Environmental Advisor

CC USEPA, Enforcement Division, Region V
BCC R3DeWitt, P-26-117B
KBieszke, P-24-329
BDJohnson, P-24-606
BWMarguglio, JSC-220A
RWMontross, Palisades
WPMullins, Palisades
SPierce, Palisades
JRSchepers, P-24-314
ATUdrys, M-1023

OC0684-0464A-TP02

NPDES NOTIFICATION

Apparent Difference From Daily Average/Maximum Limitation
June 11, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Turbine Sump Oil Separator
Discharge (00G)

Outfall Code No: 800218

Parameter: Oil and Grease (Freon)

Parameter Code No: 00556

1. Date of Incident: May 29, 1984

2. Identification of specific effluent limitation or monitoring requirement affected:

Oil and grease daily maximum limitation of 20 mg/L.

3. Description of Incident:

A routine weekly grab sample for oil and grease collected on May 29, 1984 at 0830 hours measured 43 mg/L. The plant received the notification and the analytical results on June 1, 1984 at 1430 hours.

4. Apparent Cause:

Apparent malfunction of the emulsion breaker.

5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA

6. Corrective Action - The following corrective action was taken or will be taken to reduce, eliminate and prevent recurrence:

A change of the emulsion breaker filter was requested on June 1, 1984 at 1530 hours. The emulsion breaker filters were changed on June 2, 1984 at 0510 hours.

7. Additional Comments:

NA

8. Signed: *Ronald L Fobes*

RLFobes



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

July 12, 1984

Mr Fred Morley
District Supervisor
Plainwell District Office Bldg
621 North 10th Street
PO Box 355
Plainwell, MI 49080

FILE NO: P10.2.1

INCIDENT NO: PAL-84-07-AD95

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-84-07-AD95, is submitted as a report of an apparent difference from the daily maximum effluent limitations for this facility.

If you have any questions regarding the attached report, please contact this office.

Ronald L Fobes

R L Fobes
Senior Environmental Advisor

CC USEPA, Enforcement Division, Region V
BCC RBDeWitt, P-26-117B
KFBieszke, P-24-329
BDJohnson, P-24-606
FWMarguglio, JSC-220A
RWMontross, Palisades
WPMullins, Palisades
SFPierce, Palisades
JRSchepers, P-24-314
ATUdrys, M-1023

OC0784-0142B-EN05

NPDES NOTIFICATION

Apparent Difference From Daily Average/Maximum Limitation
July 12, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Turbine Sump Oil Separator
Discharge (00G)

Outfall Code No: 800218

Parameter: Oil and Grease (Freon)

Parameter Code No: 00556

1. Date of Incident: July 2, 1984.

2. Identification of specific effluent limitation or monitoring requirement affected:

Oil and grease daily maximum limitations of 20 mg/L.

3. Description of Incident:

A routine weekly grab sample for oil and grease collected on July 2, 1984 at 0900 hours measured 26.8 mg/L. The plant received the notification and the analytical results on July 6, 1984 at 1600 hours.

4. Apparent Cause:

Apparent malfunction of the emulsion breaker.

5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA.

6. Corrective Action - The following corrective action was taken or will be taken to reduce, eliminate and prevent recurrence:

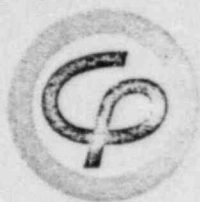
The emulsion breaker filters were changed and the turbine building sump and tank T-41 oil absorbent pads were changed.

7. Additional Comments:

The final discharge to Lake Michigan (Outfall 001) showed no visible oil.

8. Signed: *Ron Fobes*

R L Fobes



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General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • Area Code 517 786-0550

July 12, 1984

Mr Fred Morley
District Supervisor
Plainwell District Office Bldg
621 North 10th Street
PO Box 355
Plainwell, MI 49080

FILE NO: P10.2.1

INCIDENT NO: PAL-84-05-AD94

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-84-05-AD94, is submitted as a report of an apparent difference from the monitoring requirements for this facility.

If you have any questions regarding the attached report, please contact this office.

Ronald L Fobes

R L Fobes
Senior Environmental Advisor

BCC RBDeWitt, P-26-117B
KFBieszke, P-24-329
BDJohnson, P-24-606
BWMarguglio, JSC-220A
RWMontross, Palisades
WPMullins, Palisades
SFPierce, Palisades
JRSchepers, P-24-314
ATUdrys, M-1023

NPDES NOTIFICATION

Apparent Difference From Daily Average/Maximum Limitation
July 12, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Neutralizer Tank Wastes (00F)

Outfall Code No: 800213

Parameters: pH, Sulfates, Suspended Solids, Flow

Parameter Code No: 00400,
00945, 00530, 50050,
Respectively

1. Date of Incident: May 20, 1984 and June 15, 1984.
2. Identification of specific effluent limitation or monitoring requirement affected:

A recent letter from the State dated March 29, 1984 requires that the temporarily rerouted demineralizer rinse line be monitored in the same fashion as the neutralizer tank discharge was monitored.

3. Description of Incident:

On May 20, 1984 and June 15, 1984 the demineralizer rinse water was discharged to the lake without the required monitoring.

4. Apparent Cause:

Lack of communication between the plant's Operations Department and Chemistry Department.

5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA.

6. Corrective Action - The following corrective action was taken or will be taken to reduce, eliminate and prevent recurrence:

The neutralizer tank (T-921) was returned to service on June 16, 1984 at 1710 hours. Normal sampling of the neutralizer tank for Outfall 00F was resumed.

7. Additional Comments:

The estimated release for each occurrence was approximately 50,000 gallons of rinse water with an estimated pH of 6.0, SO_4 was < 1 ppm and suspended solids would be < 1 ppm.

8. Signed: *Ronald L Fobes*

R L Fobes



**Consumers
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General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

July 18, 1984

Mr Fred Morley
District Supervisor
Plainwell District Office Building
621 North 10th Street
PO Box 355
Plainwell, MI 49080

FILE NO: P10.2.1

INCIDENT NO: PAL-84-07-AD96

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-84-07-AD96, is submitted as a report of an apparent difference from the daily maximum effluent limitations for this facility.

If you have any questions regarding the attached report, please contact this office.

R L Fobes
Senior Environmental Advisor

CC USEPA, Enforcement Division, Region V
BCC RBDeWitt, P-26-117B
KFBieszke, P-24-329
BDJohnson, P-24-606
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RWMontross, Palisades
WPMullins, Palisades
SFPierce, Palisades
JRSchepers, P-24-314
ATUdrys, M-1023

OC0784-0249B-TP03

NPDES NOTIFICATION

Apparent Difference From Daily Average/Maximum Limitation
July 18, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Turbine Sump Oil Separator
Discharge (00G)

Outfall Code No: 800218

Parameter: Oil and Grease (Freon)

Parameter Code No: 00556

1. Date of Incident: 7/7/84

2. Identification of specific effluent limitation or monitoring requirement affected:

Oil and grease daily maximum limitation of 20 mg/L.

3. Description of Incident:

A routine weekly grab sample for oil and grease collected on 7/7/84 at 1040 hours measured 31.1 mg/L. The plant received the notification and the analytical results on 7/12/84 at 0930 hours.

4. Apparent Cause:

Apparent malfunction of the emulsion breaker.

5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA

6. Corrective Action - The following corrective action was taken or will be taken to reduce, eliminate and prevent recurrence:

The emulsion breaker filters and the tank T-41 oil absorbent pads were both replaced.

7. Additional Comments:

The final discharge to Lake Michigan (Outfall 001) showed no visible oil.

8. Signed: *RLF*

R L Fobes



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General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

July 24, 1984

Mr Fred Morley
District Supervisor
Plainwell District Office Building
621 North 10th Street
PO Box 355
Plainwell, MI 49080

FILE NO: P10.2.1

INCIDENT NO: PAL-84-07-AD97

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-84-07-AD97, is submitted as a report of an apparent difference from the daily maximum effluent limitations for this facility.

If you have any questions regarding the attached report, please contact this office.

R L Fobes
Senior Environmental Advisor

CC USEPA, Enforcement Division, Region V
BCC RBDeWitt, P-26-117B
KFBieszke, P-24-329
BDJohnson, P-24-606
BWMarguglio, JSC-220A
RWMontross, Palisades
WPMullins, Palisades
-SFPierce, Palisades
JRSchepers, P-24-314
ATUdrys, M-1023

OC0784-0337A-TP20

NPDES NOTIFICATION
Apparent Difference From Daily Average/Maximum Limitation
July 24, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Turbine Sump Oil Separator
Discharge (OOG)

Outfall Code No: 800218

Parameter: Oil and Grease (Freon)

Parameter Code No: 00556

1. Date of Incident: 7/16/84
2. Identification of specific effluent limitation or monitoring requirement affected:

Oil and grease daily maximum limitation of 20 mg/L.

3. Description of Incident:

A routine weekly grab sample for oil and grease collected on 7/16/84 at 1015 hours measured 26.5 mg/L. The plant received the notification and the analytical results on 7/19/84 at 1600 hours.

4. Apparent Cause:

Apparent malfunction of the emulsion breaker.

5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA

6. Corrective Action - The following corrective action was taken or will be taken to reduce, eliminate and prevent recurrence:

Confirmed that emulsion breaker filters were changed out on 7/17/84.
Confirmed that the tank T-41 oil skimmers were emptied on 7/19/84.

7. Additional Comments:

The final discharge to Lake Michigan (Outfall 001) showed no visible oil.

8. Signed:

R L Fobes *RZF*



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General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

August 3, 1984

Mr Fred Morley
District Supervisor
Plainwell District Office Building
621 North 10th Street
PO Box 355
Plainwell, MI 49080

FILE NO: P10.2.1

INCIDENT NO: PAL-84-07-AD98

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-84-07-AD98, is submitted as a report of an apparent difference from the daily maximum effluent limitations for this facility.

If you have any questions regarding the attached report, please contact this office.

R L Fobes *RLF*
Senior Environmental Advisor

CC USEPA, Enforcement Division, Region V
BCC RBDeWitt, P-26-117B
KFBieszke, P-24-329
✓BDJohnson, P-24-606
BWMarguglio, JSC-220A
RWMontross, Palisades
WPMullins, Palisades
SFPierce, Palisades
JRSchepers, P-24-314
ATUdrys, M-1023

NPDES NOTIFICATION

Apparent Difference From Daily Average/Maximum Limitation
August 3, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Turbine Sump Oil Separator
Discharge (OOG)

Outfall Code No: 800218

Parameter: Oil and Grease (Freon)

Parameter Code No: 00556

1. Date of Incident: 7/24/84
2. Identification of specific effluent limitation or monitoring requirement affected:

Oil and grease daily maximum limitation of 20 mg/L.

3. Description of Incident:

A routine weekly grab sample for oil and grease collected on 7/24/84 measured 28.4 mg/L. The plant received the notification and the analytical results on 7/26/84 at 0800 hours.

4. Apparent Cause:

Apparent malfunction of the emulsion breaker filters.

5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA

6. Corrective Action - The following corrective action was taken or will be taken to reduce, eliminate and prevent recurrence:

The emulsion breaker filters were changed. The oil absorbers in the turbine building sump and Tank T-41 were also replaced.

7. Additional Comments:

The final discharge to Lake Michigan (Outfall 001) showed no visible oil. A sample of Tank T-41 discharge on 7/25/84 measured 4.0 mg/L oil and grease.

8. Signed: *RLF*

R L Fobes



**Consumers
Power
Company**

10010 12N

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General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

August 9, 1984

Mr Fred Morley
District Supervisor
Plainwell District Office Building
621 North 10th Street
PO Box 355
Plainwell, MI 49080

FILE NO: P10.2.1

INCIDENT NO: PAL-84-07-AD99

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-84-07-AD99, is submitted as a report of an apparent difference from the monthly average effluent limitations for this facility.

If you have any questions regarding the attached report, please contact this office.

Ronald L Fobes

R L Fobes
Senior Environmental Advisor

BCC RBDewitt, P-26-117B
KFBieszke, P-24-329
BDJohnson, P-24-606
BWMarguglio, JSC-220A
RWMontross, Palisades
WPMullins, Palisades
SFPierce, Palisades
JRSchepers, P-24-314
ATUdrys, M-1023

NPDES NOTIFICATION

Apparent Difference From Daily Average/Maximum Limitation
August 9, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Turbine Sump Oil Separator
Discharge (00G)

Outfall Code No: 800218

Parameter: Oil and Grease (Freon)

Parameter Code No: 00556

1. Date of Incident: 7/31/84
2. Identification of specific effluent limitation or monitoring requirement affected:

Oil and grease monthly average limitation of 15 mg/L.
3. Description of Incident:

The monthly average oil and grease concentration for July measured 20.2 mg/L.
4. Apparent Cause:

Plant start-up from cold shutdown following major repairs and modifications placed above-normal loads on the oily waste handling system resulting in four exceedances of the daily maximum oil and grease limits during the month of July (previously reported). As a result of these four exceedances, the July monthly average limit of 15 mg/L was also exceeded.
5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA
6. Corrective Action - In addition to increasing the frequency of emulsion breaker filter changes mentioned in the previous reports, increased surveillance and cleaning up of oil and grease in the turbine building were initiated.
7. Additional Comments:

None of the oil and grease excursions for the month of July resulted in any visible oil reaching Lake Michigan.
8. Signed:

R L Fobes *R L F*



**Consumers
Power
Company**

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General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

September 15, 1983

Mr W L Marks
Acting Chief Engineer
Michigan Water Resources Commission
Stevens T Mason Bldg
Lansing, MI 48926

FILE NO: P10.2.1

INCIDENT NO: PAL-83-08-AD86

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-83-08-AD86, is submitted as a report of an apparent difference from the daily maximum effluent limitations for this facility.

If you have any questions regarding the attached report, please contact this office.

R L Fobes
Senior Environmental Advisor

CC USEPA, Enforcement Division, Region V
BCC RBDewitt, P-26-117B
KBieszke, P-24-329
BDJohnson, P-24-606
BWMarguglio, JSC-220A
RWMontrose, Palisades
WPMullins, Palisades
SPierce, Palisades
JRSchepers, P-24-314
ATUdrys, M-1023

OC0984-0279A-TP12-TP12

NPDES NOTIFICATION
Apparent Difference From Daily Average/Maximum Limitation
September 15, 1983

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Turbine Sump Oil Separator
Discharge (OOG)

Outfall Code No: 800218

Parameter: Oil and Grease (Freon)

Parameter Code No: 00556

1. Date of Incident: 8/15/83 and 8/18/83
2. Identification of specific effluent limitation or monitoring requirement affected:

Oil and grease daily maximum limitation of 20 mg/L.
3. Description of Incident:

Routine weekly grab samples for oil and grease collected on 8/15/83 and 8/18/83 measured 35.2 and 27.5 mg/L, respectively.
4. Apparent Cause:

Malfunction of the emulsion breaker system.
5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA
6. Corrective Action - The following corrective action was taken or will be taken to reduce, eliminate and prevent recurrence:

The emulsion breaker oil filters were changed on 8/18/83.
7. Additional Comments:

The plant also initiated an event report to the Nuclear Regulatory Commission. A plant transient had caused additional oil loading on the filters. On 8/14/83, an oil leak occurred on the K7B feedwater pump. Observations of the mixing basin discharge showed no visible oil on the receiving waters.
8. Signed:

R L Fobes *R L F*

STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES
REPORT OF OIL, SALT OR POLLUTING MATERIAL LOSSES

Pursuant to the provisions of Act 245 of the Public Acts of Michigan 1929 as amended, regulations have been issued which require that all owners, managers or operators of vessels, oil storage or on land facilities shall notify the Water Resources Commission or his authorized representative of oil, salt and polluting material losses. This notification shall be made promptly by telephone or telegraph, giving briefly the particulars, and by mail, giving a detailed account of events and conditions.

Date 9/25/84		Company Name Consumers Power Company	
Location of Loss (Be Specific) Palisades Nuclear Power Plant; Route 2; Box 154; Covert, MI 49043			
Material Lost Fuel Oil		Amount approx 250 gals	Name of Surface Water Involved None
Date Loss was Discovered 9/25/84		Time of Discovery 1730	
Name of Department of Natural Resources Representative Contacted Peas Operator 28			
Telephoned or Telegraphed by Whom David H Andrews			Time 1940 9/25/84
Cause of Loss (Include Type of Equipment and Other Details) Overfilling of T-10 diesel oil storage tank during a routine filling operation.			
Nature of Loss (Include Complete Description of Damage) An inspection of the area indicated no direct release to Lake Michigan and no release to the lake via the storm drainage system. A visual analysis of groundwater from monitoring wells (1 well north and 1 well south) of T-10 made on 9/26/84 indicated no oil in the groundwater. The attached sketch indicates the sandy soil effected by the oil loss. Due to the porosity of the sand, the fuel oil was quickly absorbed. The attached sheet describes clean-up activities.			
Additional Comments (Include Method of Control, Plans for Prevention of Recurrence, etc) 			
Company Name Consumers Power Company		By (Signature) David H Andrews	

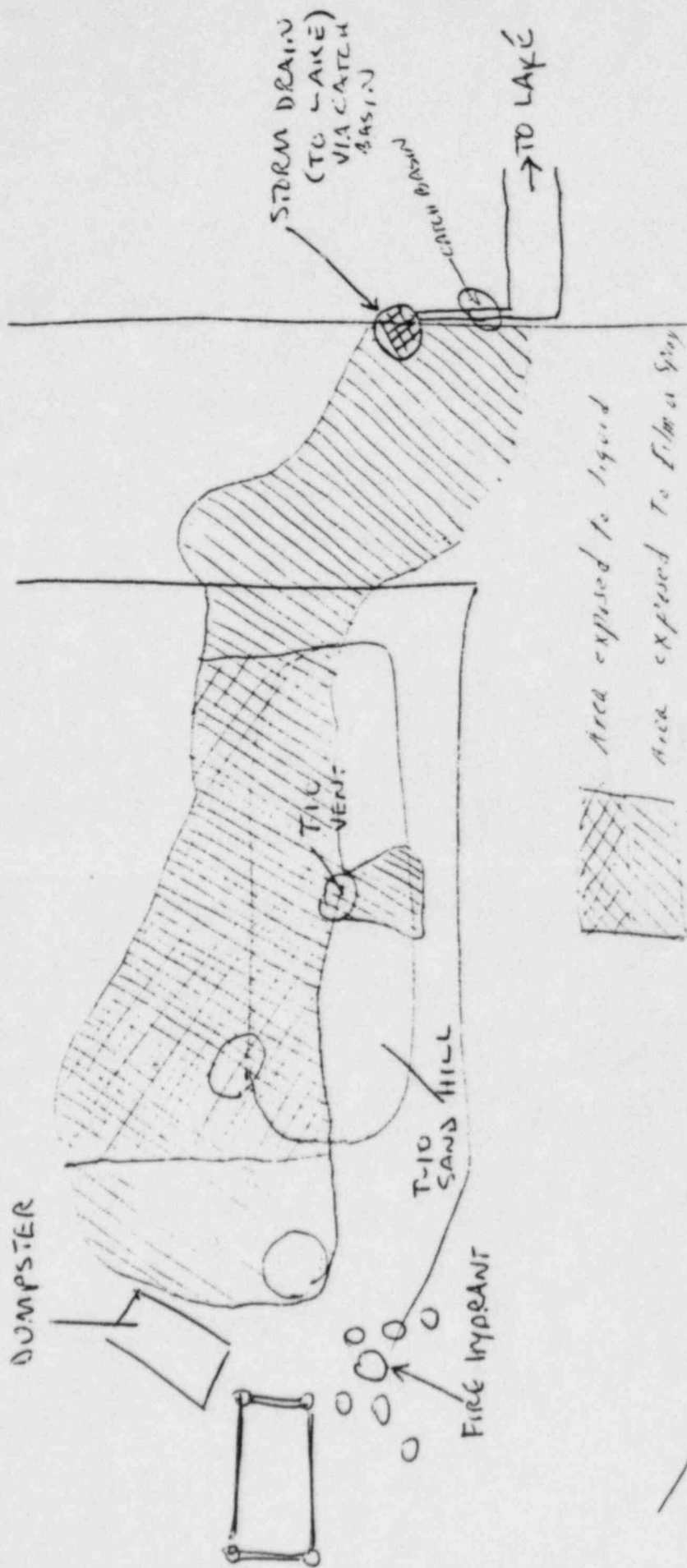
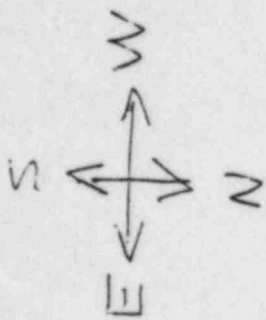
24-Hr Emergency Notification Number

(800) 292-4706

Return this form to:

Environmental Department
Parnall Road
Jackson, Michigan

MRP-10/5/84



ATTACHMENT

PALISADES NUCLEAR POWER PLANT
9/25/84 FUEL OIL LOSS REPORT

Clean-up Activities

Initially, approximately 80 yards of sand containing the spilled fuel oil was removed for disposal at Orchard Hill Landfill.

Through visual observation of the excavated area it was determined that the vertical dispersion of fuel oil either from this loss or a previous loss or losses resulted in the presence of oil at deeper depths.

Additional excavations made on Monday, October 1, 1984 and Tuesday, October 2, 1984 resulted in an additional 120 cubic yards of soil removed from the south, north and west sides of the tank. On the south side excavation, oil removal was halted when the water table was encountered approximately 1-1½ feet above the tank bottom. After several minutes, a visible layer of fuel oil was observed on the free surface of the water in the excavation.

The north side excavation resulted in fuel oil being observed down to the water table; however, very little oil was seen on the surface water.

All soils with visual signs of oil have been removed. Absorbent pads were used to absorb fuel oil on the free surface of the water in the excavations. This was discontinued on Friday, October 5, 1984 due to an observed lack of oil. We are also evaluating methods for preventing recurrence of this event and necessary equipment and/or operating modifications.

MRP/mlp
10/5/84



**Consumers
Power
Company**

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General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

October 2, 1984

P10.1.2

Mr Fred Morely
Michigan Department of
Natural Resources
District Office
PO Box 355
Plainwell, MI 49080

PALISADES PLANT -
NPDES NOTIFICATION REPORT PAL-83-08-AD86

Through an internal review process it was recently determined that NPDES Notification Report PAL-83-08-AD86 submitted September 15, 1983 was incomplete. The report should have addressed the exceedance of the daily maximum effluent limit of 20 mg/l oil and grease for the turbine sump oil separator discharge (Outfall 00G) on August 15 and 18, 1983. Through an oversight, the August 18, 1983 excursion was not included in the submitted report. The original September 15, 1983 report has been revised to include the August 18, 1983 excursion (attached). Please replace the old incomplete September 15, 1983 report with the attached, revised report.

Should you have any questions regarding this matter, please let me know.

Ronald L Fobes

R L Fobes
Senior Environmental Advisor

CC USEPA, Enforcement Division, Region V

BCC RBDewitt, P-26-117B
KFBieszke, P-24-329
BDJohnson, P-24-606
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JRSchepers, P-24-314
ATUdrys, M-1023



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OCT 10 1984

PLAINWELL DIVISION

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October 3, 1984

Mr Fred Morley
District Supervisor
Plainwell District Office Building
621 North 10th Street
PO Box 355
Plainwell, MI 49080

FILE NO: P10.2.1

INCIDENT NO: PAL-84-09-AD100

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-84-09-AD100, is submitted as a report of an apparent difference from the daily maximum effluent limitations for this facility.

If you have any questions regarding the attached report, please contact this office.

R L Fobes
Senior Environmental Advisor

CC USEPA, Enforcement Div, Region V
BCC RBDeWitt, P-26-117B
KFBieszki, P-24-329
BDJohnson, P-24-606
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RWMontross, Palisades
WPMullins, Palisades
SFPierce, Palisades
JRSchepers, P-24-314
ATUdrys, M-1023

OC1084-0034B-TP03

NPDES Notification
Apparent Difference From Daily Average/Maximum Limitation
October 3, 1984

Plant: Palisades

Permit No: MI0001457

Outfall Description: Turbine Sump Oil Separator
Discharge (OOG)

Outfall Code No: 800218

Parameter: Oil and Grease (Freon)

Parameter Code No: 00556

1. Date of Incident: 9/17/84
2. Identification of specific effluent limitation or monitoring requirement affected:

Oil and grease daily maximum limitation of 20 mg/L.

3. Description of Incident:

A routine weekly grab sample for oil and grease collected on 9/17/84 measured 22.3 mg/L. The plant received the notification and the analytical results on 9/20/84 at 1050 hours.

4. Apparent Cause:

Apparent malfunction of the emulsion breaker filters.

5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA

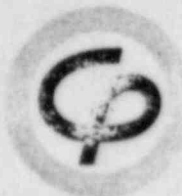
6. Corrective Action - The following corrective action was taken or will be taken to reduce, eliminate and prevent recurrence:

The emulsion breaker filters were changed on 9/18/84.

7. Additional Comments:

The final discharge to Lake Michigan (Outfall 001) showed no visible oil.

8. Signed: R L Fobes *RLF*



Consumers
Power
Company

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OCT 11 1984

NUCLEAR DIVISION

COPY

General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

October 4, 1984

Mr Fred Morley
District Supervisor
Plainwell District Office Building
621 North 10th Street
PO Box 355
Plainwell, MI 49080

FILE NO: P10.2.1

INCIDENT NO: PAL-84-09-AD101

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-84-09-AD101, is submitted as a report of an apparent difference from the monitoring requirements for this facility.

If you have any questions regarding the attached report, please contact this office.

Ronald L. Fobes

R L Fobes
Senior Environmental Advisor

BCC RBDewitt, P-26-117B
KFBieszki, P-24-329
BDJohnson, P-24-606
BWMarguglio, JSC-220A
RWMontross, Palisades
WPMullins, Palisades
SFPierce, Palisades
JRSchepers, P-24-314
ATUdry, M-1023

NPDES Notification
Apparent Difference From Daily Average/Maximum Limitation
October 4, 1984

Plant: Palisades

Permit No: MI0001457

Outfall Description: Discharge to Lake Michigan
Outfall (001)

Outfall Code No: 800095

Parameter: pH

Parameter Code No: 00400

1. Date of Incident: September 21-24, 1984
2. Identification of specific effluent limitation or monitoring requirement affected:

The pH of the effluent to Lake Michigan is to be monitored on a continuous basis.

3. Description of Incident:

From September 21, 1984 at 1600 hours to September 24, 1984 at 0900 hours the Outfall 001 effluent pH was not monitored on a continuous basis.

4. Apparent Cause:

On September 21, 1984 the backup plant pH recorder chart paper was changed and it apparently did not advance properly. The primary in-line pH recorder (pHr-1312) was out of service awaiting repairs.

5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA

6. Corrective Action - The following corrective action was taken or will be taken to reduce, eliminate and prevent recurrence:

Several attempts to realign the chart paper on September 22 and 23, 1984 failed. The problem however was corrected on September 24, 1984.

7. Additional Comments:

Daily readings of the effluent pH were taken and recorded. The primary pH monitor (pHr-1312) remains out of service awaiting parts for repair.

8. Signed: R L Fobes *R L F*



**Consumers
Power
Company**

General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

COPY

October 30, 1984

Mr Fred Morley
District Supervisor
Plainwell District Office Building
621 North 10th Street
PO Box 355
Plainwell, MI 49080

FILE NO: P10.2.1

INCIDENT NO: PAL-84-10-AD102

This is in regard to NPDES Permit No MI 0001457 for the Company's Palisades Plant. In accordance with Part II, A4, the attached "NPDES Notification," Incident No PAL-84-10-AD102, is submitted as a report of an apparent difference from the daily maximum effluent limitations for this facility.

If you have any questions regarding the attached report, please contact this office.

R L Fobes
Senior Environmental Advisor

CC USEPA, Enforcement Div, Region V
BCC RBDeWitt, P-26-117B
KFBieszke, P-24-329
BDJohnson, P-24-606
BWMarguglio, JSC-220A
RWMontross, Palisades
WPMullins, Palisades
SFPierce, Palisades
JRSchepers, P-24-314
ATUdrys, M-1023

OC1084-0475A-TP20

NPDES Notification
Apparent Difference From Daily Average/Maximum Limitation
October 30, 1984

Plant: Palisades

Permit No: MI0001457

Outfall Description: Turbine Sump Oil Separator
Discharge (OOG)

Outfall Code No: 800218

Parameter: Oil and Grease (Freon)

Parameter Code No: 00556

1. Date of Incident: 10/22/84
2. Identification of specific effluent limitation or monitoring requirement affected:

Oil and grease daily maximum limitation of 20 mg/L.

3. Description of Incident:

A routine weekly grab sample for oil and grease collected on 10/22/84 measured 23.9 mg/L. The plant received the notification and the analytical results on 10/26/84 at 0900 hours.

4. Apparent Cause:

Apparent malfunction of the emulsion breaker filters.

5. If not immediately corrected, the anticipated time the condition is expected to continue:

NA

6. Corrective Action - The following corrective action was taken or will be taken to reduce, eliminate and prevent recurrence:

The emulsion breaker filters were changed on 10/23/84.

7. Additional Comments:

The final discharge to Lake Michigan (Outfall 001) showed no visible oil.
An oil and grease sample collected in October 1984 measured 9.9 mg/L.

8. Signed: R L Fobes

RLF