

DMB



**Consumers  
Power  
Company**

General Offices: 1945 West Parnall Road, Jackson, MI 49201 • (517) 788-0550

PRINCIPAL STAFF		
RA	DRP	has
D/RA	DRS	has
RC	DRSS	long
PAO	ML	
SGA	OL	
ETC	OI	
DRMA	FILE	has

November 30, 1984

James G Keppler, Administrator  
Region III  
US Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, IL 60137

IE FILE COPY

DOCKET 50-255 - LICENSE DPR-20 -  
PALISADES PLANT - COPIES OF NON-RADIOLOGICAL NPDES PERMIT VIOLATION REPORTS

Section 3.2 entitled "Reporting Related to the NPDES Permits and State Certification" of Appendix B to Provisional Operating License No DPR-20 Palisades Plant Consumers Power Company Docket 50-255 Environmental Protection Plant (Non-Radiological) dated January 22, 1981 states that copies of reports to the state of Michigan indicating violation of NPDES permits are to be sent to the NRC. Attached to this letter are copies of ten (10) NPDES Notifications covering the six (6) month period from May 1984 through October 1984. Also attached are copies of one (1) Report of Oil, Salt or Polluting Material Losses that occurred during the same period and one (1) revision to Report PAL 83-08-AD86.

Brian D Johnson  
Staff Licensing Engineer

CC Director, Office of Nuclear Reactor Regulation  
Director, Office of Inspection and Enforcement  
NRC Resident Inspector - Palisades

Attachments

8412110337	841130
PDR ADDCK	05000255
R	PDR

DEC 3 1984

IE 25  
11

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



**Consumers  
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Company**

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JUN 13 1984

NUCLEAR LICENSING

**COPY**

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 RBDeWitt, P-26-117B  
KBieszke, P-24-329  
BDJohnson, P-24-606  
BWMarguglio, JSC-220A  
RWMontross, Palisades  
WPMullins, Palisades  
SPierce, Palisades  
JRSchepers, P-24-314  
ATUdry, 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  
BWMarguglio, 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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Power  
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JUL 16 1984

NUCLEAR LICENSING

COPY

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-84-05-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  
ATUdry, M-1023

OC0784-0142A-EN05

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  
Power  
Company**

COPY

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  
BWMarguglio, JSC-220A  
RWMontross, Palisades  
WPMullins, Palisades  
SFPierce, Palisades  
JRSchepers, P-24-314  
ATUdry, 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:

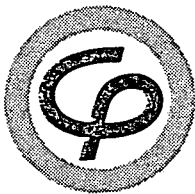
The emulsion breaker filters and the tank T-41 oil absorbent pads were both replaced.

7. Additional Comments:

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

8. Signed: *RLF*

R L Fobes



**Consumers  
Power  
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JUL 26 1984

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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  
ATUdry, 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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Power  
Company**

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NUCLEAR LICENSING

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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  
ATUdry, M-1023

OC0884-0042A-TP03

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**

0810 1984

**COPY**

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

OC0884-0150A-TP02

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

Plant: Palisades Permit No: MI 0001457  
Outfall Description: Turbine Sump Oil Separator Outfall Code No: 800218  
Discharge (OOG)  
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 *RLF*





**Consumers  
Power  
Company**

COPY

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 (00G)

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 *RLF*

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				Time	
David H Andrews				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				By (Signature)	
Consumers Power Company				David H Andrews	

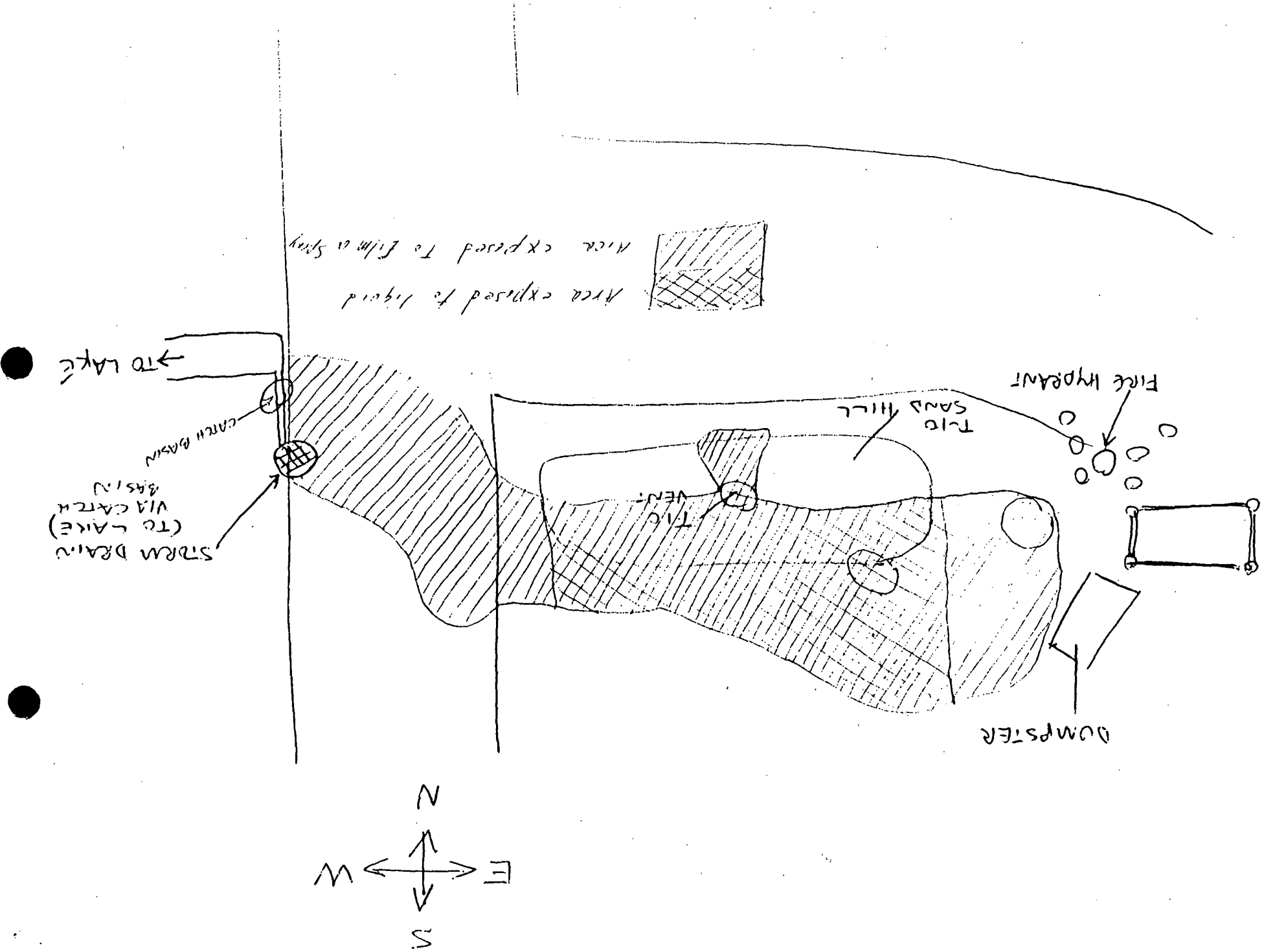
24-Hr Emergency Notification Number

(800) 292-4706

Return this form to:

Environmental Department  
Parnall Road  
Jackson, Michigan

MRP-10/5/84 *[Signature]*



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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OCT 4 1984  
NUCLEAR LICENSING

COPY

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  
BWMarguglio, JSC-220A  
RWMontrose, Palisades  
WPMullins, Palisades  
SPierce, Palisades  
JRSchepers, P-24-314  
ATUdrys, M-1023

OC1084-0002A-EN01



**Consumers  
Power  
Company**

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OCT 10 1984

NUCLEAR LICENSING

COPY

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  
BWMarguglio, JSC-220A  
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 5 1984  
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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  
ATUdrys, 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 *RLF*



**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*