

ATTACHMENT

Consumers Power Company  
Palisades Plant - Docket 50-255

COPIES OF NON-RADIOLOGICAL NPDES PERMIT VIOLATION REPORTS  
November 1983 through April 1984

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PDR ADOCK 05000255  
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10 Pages

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ATTACHMENT

Consumers Power Company  
Palisades Plant - Docket 50-255

COPIES OF NON-RADIOLOGICAL NPDES PERMIT VIOLATION REPORTS  
November 1983 through April 1984

10 Pages

NPDES NOTIFICATION

Apparent Difference From Daily Average/Maximum Limitation  
April 5, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Radwaste (00E)

Outfall Code No: 800217

Parameter: Boron, Total Chromium

Parameter Code No: 01022, 01034

1. Date of Incident: March 11 to March 14, 1984
2. Identification of specific effluent limitation or monitoring requirement affected:

The NPDES Permit requires radwaste releases be analyzed for boron and total chromium content.

3. Description of Incident:

From March 11 to March 14, 1984, 87,500 gallons of water from the condensate storage tank was released without being monitored for boron and total chromium. This oversight was discovered on March 15, 1984 at 1500 hours.

4. Apparent Cause:

Plant Procedure HP3.6 did not identify boron and chromium as required analyses of the condensate storage tank if the tank was released as a radwaste batch.

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:

Plant Procedure HP3.6 will be revised to include the required monitoring.

7. Additional Comments:

NA.

8. Signed:

RLFobes *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 March 8, 1984		Company Name Consumers Power Company	
Location of Loss (Be Specific) CP Co - Palisades Nuclear Plant, Route 2, Box 154, Covert, Michigan 49043			
T-10 (Diesel Fuel Oil Storage Tank) area - south of plant			
Material Lost Fuel oil	Amount 40 gallons	Name of Surface Water Involved None	
Date Loss was Discovered February 24, 1984		Time of Discovery 1430	
Name of Department of Natural Resources Representative Contacted Operator 24, PEAS System - MNDR			
Telephoned or Telegraphed by Whom A. Clark Kahn		Time 2/24/84 @ 1600 hours	
Cause of Loss (Include Type of Equipment and Other Details) Fuel oil tank (T-10) was overfilled, forcing oil through the flame arresting vent.			
Nature of Loss (Include Complete Description of Damage) As the oil exited the flame arrester pipe it spilled onto the south side of T-10 along a trailer and onto the ground. Thirty to forty gallons were lost.			
Additional Comments (Include Method of Control, Plans for Prevention of Recurrence, etc) A crew was immediately mobilized to clean up the spilled oil. The clean-up materials and the oil-contaminated soil was removed and the waste placed into barrels. The waste will then be disposed of in the appropriate manner. In the future, the filling operation of Tank T-10 will be closely supervised in order to prevent any recurrence.			
Company Name Consumers Power Company		By (Signature) A C Kahn	

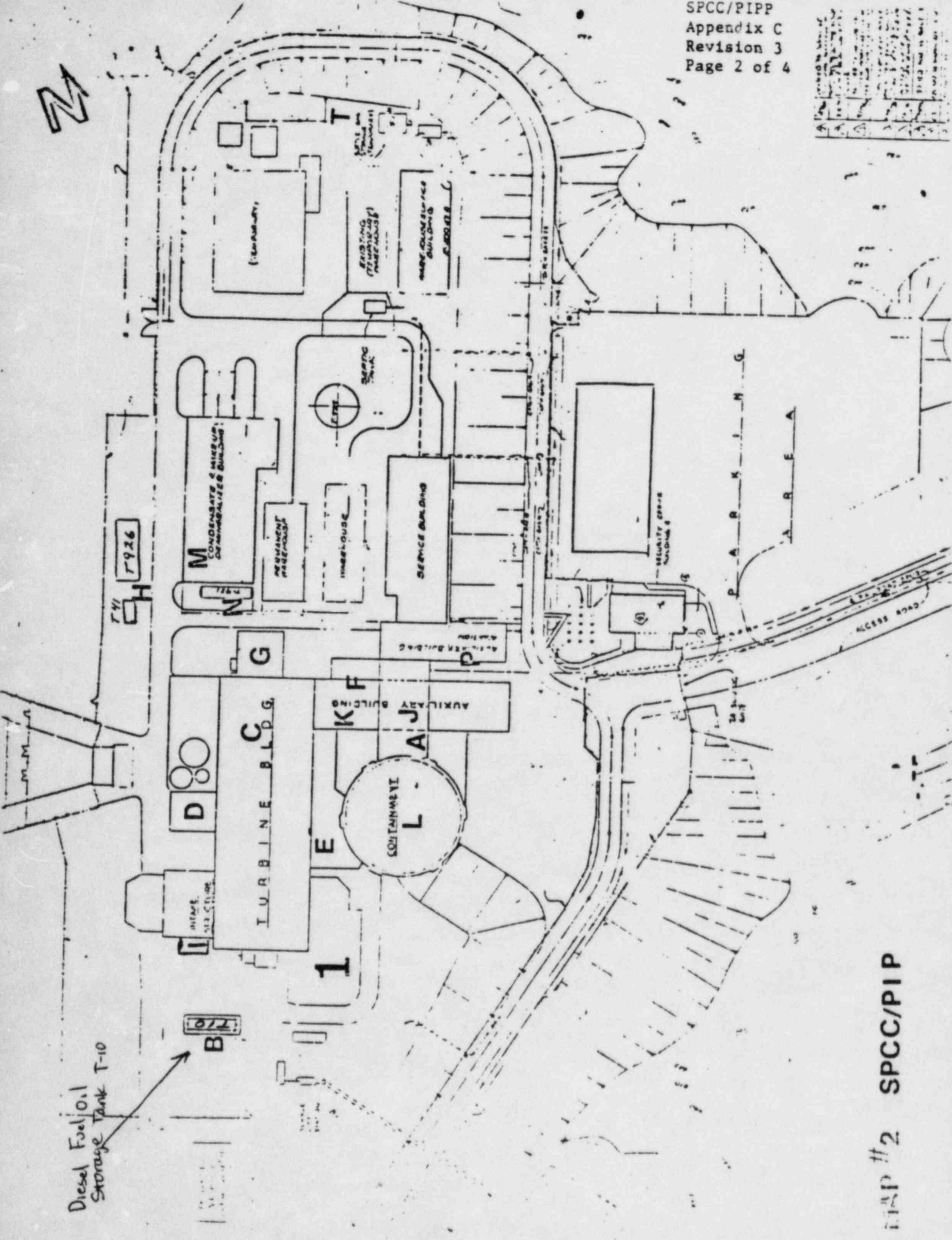
24-Hr Emergency Notification Number  
(800) 292-4706

Return this form to:

Environmental Department  
Parnall Road  
Jackson, Michigan



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Diesel Fuel Oil  
Storage Tank T-10

NPDES NOTIFICATION

Apparent Difference From Daily Average/Maximum Limitation  
March 8, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Discharge to Lake Michigan (001) Outfall Code No: 800095

Parameter: Total Residual Chlorine (TRC)

Parameter Code No: 50060

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

The NPDES permit requires three grab samples of the plant discharge to be collected and analyzed for TRC during the chlorination of the plant circulating and cooling water systems.

3. Description of Incident:

On 2/17/84 during chlorination of the service water system, only two grab samples for TRC were collected instead of the required three samples.

4. Apparent Cause:

Technician error. The technician had not been involved with chlorination procedures for the past six months. The plant's chemistry procedures specifically require that three grab samples for TRC be collected during chlorination.

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:

All technicians were reminded of the TRC sampling requirements as well as other responsibilities and requirements of the NPDES permit. The plant's chlorination data sheet is also being revised to include the NPDES sampling requirements during a chlorination.

7. Additional Comments:

The second sample of the plant discharge was taken at the end of chlorination and measured less than detectable (< .02 ppm) TRC.

8. Signed: R L Fobes

NPDES NOTIFICATION

Apparent Difference From Daily Average/Maximum Limitation  
February 15, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Intake (000) and Discharge  
to Lake Michigan (001)Outfall Code No: 800149  
800095

Parameter: Temperature and pH

Parameter Code No: 00011  
00400

1. Date of Incident: 1/7/84 and 2/4/84
2. Identification of specific effluent limitation or monitoring requirement affected:

Continuous monitoring of intake and discharge temperature and pH is required.

3. Description of Incident:

On 1/7/84 the pH recorder, pHR 1312, was found to be malfunctioning. The pH readings were erratic, fluctuating off scale from low to high. The pH recorder remained out of service until 2/3/84. On 2/4/84 the temperature recorder, TR 5370, failed to operate properly. The recorder was out of service until 2/8/84.

4. Apparent Cause:

The ribbon cable on the pH recorder shorted out to the instrument case. The temperature recorder had a faulty switch and ribbon cable.

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 pH recorder was removed from service. A maintenance order was filed. The ribbon cable was replaced and a loose wire to the probe was also repaired. The pH recorder was calibrated and returned to service after repairs were completed. The recorder ribbon cable will be made a stock item.

A maintenance order for the temperature recorder was initiated. The recorder's switch was repaired and the ribbon was replaced. The temperature recorder was then returned to service.

7. Additional Comments:

While the pH recorder was out of service, the discharge to Lake Michigan was grab sampled and analyzed three times per day for pH. While the temperature recorder was out of service, temperature readings of the intake and discharge

were taken once per shift. The plant is investigating placement of a redundant temperature recorder for each parameter to be placed at a local sample point to minimize recurrence of this event.

8. Signed: R L Fobes



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 January 19, 1983		Company Name Consumers Power Company	
Location of Loss (Be Specific) At the T-10 storage tank site located at the CP Co Palisades Nuclear Plant near Covert, MI			
Material Lost Fuel Oil	Amount 150	Name of surface water involved None	
Date Loss was Discovered January 11, 1984		Time of Discovery 1850 hrs	
Name of Department of Natural Resources Representative Contacted Operator 15 (Beth Mersch) Michigan Department of Natural Resources			
Telephoned or Telegraphed by Whom T Kanicki, Duty Shift Supervisor			Time 2053 hrs
Cause of Loss (Include Type of Equipment and Other Details) A tank truck appeared to have been using excessive pressure to fill the T-10 storage tank, near the completion of the fill operation (see attached map).			
Nature of Loss (Include Complete Description of Damage) The fuel oil overflowed from the T-10 vent pipe while the tank truck was pumping in the last 500 gallons of fuel oil. The lost oil was trapped in the snow around the vent pipe and the south side of the tank.			
Additional Comments (Include Method of Control, Plans for Prevention of Recurrence, etc.) Clean-up was immediate. The effected snow was removed and placed in 8 barrels. Oil dry will be added to the barrels and they will be disposed of according to regulations in a licensed disposal facility.			
Company Name Consumers Power Company		By (Signature) A C Kahn	

Return this form to:

Environmental Department  
Farnall Road  
Jackson, Michian

24 hr. Emergency Notification Number

(800) 292-4706



NPDES NOTIFICATION

Apparent Difference From Daily Average/Maximum Limitation  
January 6, 1984

Plant: Palisades

Permit No: MI 0001457

Outfall Description: Intake (000) and Discharge to  
Lake Michigan (001)Outfall Code Nos: 800149  
800095

Parameter: Temperature

Parameter Code No: 00011

1. Date of Incident: 12/16/83 through 12/20/83
2. Identification of specific effluent limitation or monitoring requirement affected:

Continuous monitoring of the intake and discharge temperature is required.

3. Description of Incident:

From 12/16/83 at 2100 hours to 12/20/83 at 1700 hours the temperature recorder for the intake and discharge samples from/to Lake Michigan was malfunctioning.

4. Apparent Cause:

Printer malfunction.

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 maintenance order was initiated and the recorder was repaired.

7. Additional Comments:

As an interim measure, daily grab measurements of intake and discharge temperatures were performed.

8. Signed: R L Fobes

NPDES NOTIFICATION  
Apparent Difference From Daily Average/Maximum Limitation  
December 22, 1983

Plant: Palisades

Permit No: MI 0001457

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

Outfall Code No: 800218

Parameter: Oil and Grease (Freon)

Parameter Code No: 0055C

1. Date of Incident: Week of 11-20-83 through 11-26-83
2. Identification of specific effluent limitation or monitoring requirement affected:

The Turbine Sump Oil Separator Wastewater is required to be sampled and analyzed for oil and grease once per week.

3. Description of Incident:

During the week of November 20 through November 26, 1983, the Turbine Sump Wastewater was not sampled.

4. Apparent Cause:

Failure to take routine sample on 11-21-83.

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 sample was collected on 12-1-83 when the oversight in sampling was discovered. This matter was also discussed at the weekly Technician meeting. A weekly checklist of required sampling and analyses was prepared. Additionally, a Plant Procedure CH 9.1, Site Surveys, is under development.

7. Additional Comments:

Daily visual observations of the final discharge to the lake showed no oil or grease during this period. Visual analysis of the Turbine Sump Oil Separator Wastewater on 11-21-83 and 11-25-83 also showed no oil or grease.

8. Signed: R L Fobes *RZF*



DMB



Consumers  
Power  
Company

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

May 31, 1984

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

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 Plan (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 five (5) NPDES Notifications covering the six (6) month period from November 1983 through April 1984. Also attached are copies of two (2) Reports of Oil, Salt or Polluting Material Losses that occurred during the same period.

Brian D Johnson  
Staff Licensing Engineer

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

Attachments

OC0584-0021A-NL02

JUN 4 1984

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