

NPDES NOTIFICATION
Apparent Difference From Daily Average/Maximum Limitation
October 12, 1982

Plant: Palisades

Permit No: MI 0001457

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

Outfall No: 800218

Parameter: Oil - Grease - Freon

Parameter No: 00556

1. Date of Incident: 9/27/82
2. Identification of specific effluent limitation or monitoring requirement affected:

Oil and grease are limited to 20 mg/l daily maximum and 15 mg/l monthly average.

3. Description of Incident:

A routine weekly sample for oil and grease collected on 9/27/82 measured 23.0 mg/l. The September monthly average for all samples collected was 26.9 mg/l.

4. Apparent Cause:

The 9/27/82 excursion resulted from malfunction of the emulsion breaker and oil removal system combined with oil leaks on the K7A main feed pump. A previously reported (10/1/82) daily sample of 123 mg/l was the cause of the exceedance of the monthly average limit.

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 9/21/82. The oil absorbent pads in the turbine sump were changed on 9/27/82 and 9/30/82. A maintenance request for repairs of the oil leak on the K7A main feed pump has been submitted.

7. Additional Comments:

Daily observations of the discharge basin showed no visible oil on the receiving waters. A discharge concentration of 23 mg/l represents .39 gallons of oil discharged to the Plant's mixing basin based upon a typical daily average of 17,000 gallons from Tank T-41.

8. Signed: R L Fobes *RLF*

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