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General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • Area Code 517/788-0650

April 11, 1975



Division of Reactor Licensing
US Nuclear Regulatory Commission
Washington, DC 20555

Re: Docket 50-255
License DPR-20
Palisades Plant
AO-75-5

Gentlemen:

Attached is Abnormal Occurrence Report AO-75-5 which covers the release of a small quantity of unsampled liquid waste. Post-analysis disclosed that approximately 288 gallons were released at a release rate of 1.7% of the allowable limit.

Yours very truly,

Ralph B. Sewell (Signed)

DAB/mel

Ralph B. Sewell
Nuclear Licensing Administrator

CC: JGKepler, USNRC

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incident*

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ABNORMAL OCCURRENCE REPORT
Palisades Plant

1. Report Number: AO-75-5, Docket 50-255.
2. a. Report Date: April 11, 1975.
b. Occurrence Date: April 1, 1975.
3. Facility: Palisades Plant, Covert, Michigan.
4. Identification of Occurrence: Release of unsampled south filtered waste tank, laundry waste, T-63.
5. Conditions Prior to Occurrence: Hot standby.
6. Description of Occurrence: On April 1, 1975 at 1726 an operator started the release of the south filtered waste monitor tank which was full of laundry waste as authorized by batch card Analysis 75-018-L. As he was filling out the batch card, he noticed a 6% difference between the actual tank level and the level indicated on the batch release. He stopped the batch release after approximately 10% had been released. A request for a tank analysis was made prior to further release.
7. Apparent Cause of Occurrence: Two separate analyses were inadvertently run for the contents in the south filter waste tank. One of these analyses and the associated batch card was used to properly discharge the contents of the tank. The tank was then refilled and a release of its contents was begun using the (second) analysis and associated batch card which had been run for the tank's previous contents.
8. Analysis of Occurrence: A sample analysis was made on the 72% remaining in the tank. This analysis showed that approximately 288 gallons were released with an activity of $2.49\text{E-}03$ micro curies per ml and at a rate of about 1.7% of the allowable limit. No limits of 10CFR20 were violated.
9. Corrective Action:
 - a. The tank release was terminated until an appropriate analysis could be made.
 - b. The present occurrence will be reviewed with members of the operating staff.
 - c. The batch card will be revised to add the following requirements:
 - (1) A Radiological Materials Control group verification that the sample analysis is for the tank contents to be discharged.

9. Corrective Action: (Contd)

c. (Contd)

- (2) An operator verification (through logbook inspection) that the tank contents for which the batch card has been initiated is the same as that to be released.
 - (3) An operator check to verify proper tank level prior to release of the tank contents.
10. Failure Date: There was a previous occurrence reported on AO-28-74. However, this occurrence was caused by an RMC technician transposing error.