

PRELIMINARY NOTIFICATION

Paulis

AO/4

Date: March 17, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-III- 80-49A

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff as of this date.

Facility: American Electric Power Service Corporation  
Indiana and Michigan Power Company  
D. C. Cook; Unit 1  
Docket No.: 50-315  
Bridgman, Michigan

Subject: UNPLANNED RADIOACTIVE GAS RELEASE

This PN is being updated to provide the final corrected data and information regarding the unplanned release of noble gases which occurred on March 14, 1980.

On March 14, 1980 the licensee reported that a small radioactive release via the auxiliary building stack had occurred. The source of the release was found to be due to a relief valve lifting in the In-line Failed Fuel Detection System. The relief valve flow is directed to a closed system sump in the auxiliary building. The sump is vented via charcoal and HEPA filters to the auxiliary building stack. The total time of release, from first indication until return to normal, was forty minutes. The integrated total release was 0.871 curies. The release was 1.3% of the Technical Specification instantaneous allowable limit.

The cause for the relief valve lifting was due to over throttling of a valve downstream of the relief valve. Throttling is necessary to attain the specific flow rate and pressure for which the monitor chamber is calibrated. The licensee is reviewing and modifying their procedures to prevent a reoccurrence.

The licensee issued a press release on March 14, 1980.

The State of Michigan was notified on March 14, 1980 and will be updated today. (March 17, 1980)

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|--------------------------|------------------------|---------------------------|
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Region III received initial notification of this matter by telephone from the site Resident Inspector at 10:40a.m. (CST) on March 14, 1980. This updated information is current as of 8:00a.m. on March 17, 1980.

*de Boyd*  
Contact: D. C. Boyd, RIII; 384-2546, R. F. Heishman, RIII; 384-2540.

Distribution: Transmitted H St \_\_\_\_\_

Chairman Ahearne  
Commissioner Gilinsky  
Commissioner Kennedy

Commissioner Hendrie  
Commissioner Bradford  
ACRS

S. J. Chilk, SECY  
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(For Distribution)

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