

CATEGORY 1

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 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316
 AUTH.NAME AUTHOR AFFILIATION
 FITZPATRICK,E. Indiana Michigan Power Co.
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: NPDES noncompliance notification: on 980209, boiler condensate spill occurred. Caused by failed sight glass on rental plant heating boiler. Replaced site glass & installed plexiglass shield around site glass to protect operators.

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 TITLE: Environmental Event Report (per Tech Specs)

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Indiana Michigan
Power Company
500 Circle Drive
Buchanan, MI 49107 1395



March 13, 1998

AEP:NRC:1208Y

Docket Nos.: 50-315
50-316

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, D. C. 20555-0001

Gentlemen:

Donald C. Cook Nuclear Plant Units 1 and 2
BOILER CONDENSATE SPILL
NPDES NOTIFICATIONS

The attached notification is forwarded for your information pursuant to appendix B of the Donald C. Cook Nuclear Plant Environmental Technical Specifications. The subject concerns the accidental release of boiler condensate to the plant's storm drainage system and the actions taken to mitigate the spill.

If you have any questions or concerns regarding this notification, please contact James T. Weber at 616-697-5075.

Sincerely,

A handwritten signature in cursive script, appearing to read 'E. E. Fitzpatrick'.

E. E. Fitzpatrick
Vice President

jen

Attachment

c: J. A. Abramson
A. B. Beach
MDEQ - DW & RPD
NRC Resident Inspector
J. R. Sampson

9803200054 980313
PDR ADOCK 05000315
S PDR



IF2311

ATTACHMENT TO AEP:NRC:1208Y

NPDES NOTIFICATION

American Electric Pow
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
616 465 5901



Mr. Frederick Morley
Plainwell District Office, SWQD
Michigan Department of Environmental Quality
1342 M-89 West, Suite B
Plainwell, Michigan 49080

February 12, 1998

Subject: Donald C. Cook Nuclear Plant National Pollutant Discharge
Elimination System Permit No. MI0005827

Dear Mr. Morley:

This notification is made pursuant to Cook Nuclear Plant's NPDES Permit MI0005827, Part II, A.6, Spill Notification.

On February 9, 1998, at 1405 hours, a spill occurred when a sight glass on a rental plant heating boiler failed. Most of the boiler condensate leaked into the trailer that houses the boiler control room and spilled into a temporary spill containment built under the trailer. However, some spilled onto an asphalt drive and down a nearby storm drain. Approximately five gallons of boiler condensate containing approximately 5-18 ppb hydrazine and less than one ppm ethanolamine reached the plant's storm drainage system that discharges to Lake Michigan.

The heating boiler operator discovered the condition as steam leaked through the doors of the trailer. The boiler was immediately shut down and the site glass was isolated to stop the leak. About 200 gallons of boiler condensate was collected in the containment berm under the boiler. Once the site glass broke, the condensate turned to steam, allowing some condensate to escape through the doorways to the trailer and drain to a nearby storm drain. Environmental personnel were notified immediately and responded by diverting the condensate from the storm drain and absorbing the excess with universal absorbents.

PEAS Operator #45 (Cathy) was notified of the event at 1720 hours on February 9, 1998.

The site glass has been replaced and we have installed a plexiglass shield around the site glass to protect the operators. No further preventive action is deemed necessary.

Please contact me at (616) 465-5901, ext. 1153, with any questions you have.

Sincerely,

A handwritten signature in dark ink, appearing to read "John Carlson", is written over a horizontal line.

John Carlson
Environmental Compliance Supervisor

Mr. Fred Morley
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February 12, 1998

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this and all attached documents; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



J. R. Sampson
Site Vice President/Plant Manager

