


INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106
(616) 465-5901

November 30, 1983

Mr. J.G. Keppler, Regional Administrator
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Operating License DPR-58/74
Docket No. 50-315/316

Dear Mr. Keppler:

Pursuant to the requirements of Appendix B, Part II, Nonradiological, Environmental Protection Plan, Section 3.2, a copy of the report to the Michigan Water Resources Commission notifying them of a Turbine Room Sump effluent discharge outside the pH specification is attached.

This report is required by Amendment No. 54 to Facility Operating License No. DPR-58 and Amendment No. 40 to Facility Operating License No. DPR-74 dated May 6, 1982.

Sincerely,

W.G. Smith, Jr.
W.G. Smith, Jr.
Plant Manager

/bab

Attachment

cc: John E. Dolan
M.P. Alexich
R.F. Kroeger
H. Brugger
E.R. Swanson, RO:III
R.C. Callen, MPSC
G. Charnoff, Esq.
J.M. Hennigan
R.O. Bruggee, EPRI

INPO
PNSRC
J.F. Stietzel
E.L. Townley
Dir., IE (20 copies)
Dir., MIPC (2 copies)
H.R. Denton

831212015B 831130
PDR ADDOCK 05000315
S PDR

DEC -5 1983

IE22 1/1



INDIANA & MICHIGAN ELECTRIC COMPANY

ONE SUMMIT SQUARE, P.O. BOX 60, FORT WAYNE, IN. 46801
Telephone (219) 425-2111

November 15, 1983

WILLIAM A. BLACK
President

Williams Marks
Acting Technical Secretary
Michigan Water Resources Commission
Stevens T. Mason Building
P.O. Box 30028
Lansing, Michigan 48926

Re: D. C. Cook Nuclear Plant
NPDES Permit No. 0005827
Groundwater Limitation

Dear Mr. Marks:

At approximately 0530 hours on November 5, 1983, the recording pH meter which controls the valve allowing turbine room sump effluent to be pumped to the plant's absorption pond was found to be inoperative. The isolation valve was immediately closed since pH of the sump was unknown.

At approximately 1030 hours the isolation valve was found open. The newly repaired pH meter was indicating a pH of 2.8. The valve was again closed in order to find out why the valve had been opened with a sump pH lower than 5.5.

It was determined that a high level alarm had been received, and to prevent flooding, the operator utilized the reading of the pH meter on the automatic neutralizer (which read 7.0) in place of "out of service" sump pH meter, and, believing a reading of 7.0 to be within allowable limits, opened the valve to clear the alarm and pump out the sump. The automatic neutralizer pH meter however was found to be out of calibration and the sump pH actually lower than indicated.

The volume of sump effluent pumped to the pond where dilution occurs is insignificant when compared to the total absorption pond volume. Calibration of pH meters has been checked and the communications procedures between lab technicians and operators are being examined.

Very truly yours,

W. A. Black

W. A. Black
President

WAB/be

cc: W. G. Smith

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in 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.

W. A. Black

W. A. Black

bc: R. W. Jurgensen
T. A. Kriesel
J. A. Wojcik
R. W. Reeves/C. E. Hawk
J. P. White
R. E. Zahler