

REGULATORY DOCKET FILE COPY

8004290417
Central Files



INDIANA & MICHIGAN ELECTRIC COMPANY

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

April 22, 1980

Mr. J.G. Keppler, Regional Director
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Operating License DPR-58 and DPR-74
Docket Nos. 50-315 and 50-316

Dear Mr. Keppler:

This letter is to inform you of an incident which occurred at the Indiana and Michigan Electric Company's Donald C. Cook Nuclear Plant on April 12, 1980, which was reported to Mr. R.E. Masse of the NRC on the date of the occurrence.

During the filling of a chemical volume and control system hold-up tank with demineralized water (for the purpose of purging the gas space in the tank to lower the high oxygen content) the tank was inadvertently pressurized over the safety valve setpoint of 12 PSIG. The safety valve relieves to the Auxiliary Building sump which is open to the Auxiliary Building atmosphere and is ultimately discharged at the stack vent.

The release was detected by the stack vent radiogas monitor R-26 with the alarm alerting the operators of a possible leak. Prior to terminating the filling of the tank, the safety had intermittently relieved.

Gas was released from the vent from 1041 to 1147 hours on April 12, 1980. A total of 1.786 Ci of Xe-133 was released at the maximum rate of 4.51×10^{-4} Ci/Sec. This is 5.5 percent of the noble gas Technical Specification Appendix B Instantaneous Release Rate Limit Section 2.4.3.a.1.

Also released were 3.24×10^{-6} Ci of I-131 at a rate of 8.17×10^{-10} Ci/Sec., which is 0.012 percent of Technical Specification Appendix B Instantaneous Release Rate Limit Section 2.4.3.a.2.

This occurrence had no effect on the health and safety of the public.

Sincerely,

D.V. Shaller
Plant Manager

/bab

cc: See Attached Distribution List

MA
4

GP

Mr. J.G. Keppler
April 22, 1980
Page 2 of 2

cc: J.E. Dolan
R.S. Hunter
R.W. Jurgensen
R.F. Kroeger
R.W. Kilburn
R.E. Masse RO:III
R.C. Callen MPSC
J.M. Hennigan
G. Olson
W. Lavallee EPRI
PNSRC
J.F. Stietzel
E.L. Townley
Dir., IE (20 copies)
Dir., MIPC (2 copies)
Directorate of Licensing (1 copy)