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**INDIANA & MICHIGAN ELECTRIC COMPANY**

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

February 20, 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-74  
Docket No. 50-316

Dear Mr. Keppler:

This is to confirm our verbal report to NRC Region III Inspector,  
Mr. R. E. Masse, at 1535 hours on February 19, 1980.

At that time we reported that after a manual trip on Unit 2 the power  
operated relief valves were open for a short period of time causing  
an unplanned release of Sodium 24 (Na-24) steam. Calculations performed  
by members of our plant Technical Department showed the concentration  
of Na-24 to be less than 1% of the limits identified in 10CFR20, Appendix  
B, Table 2, Column 1.

A followup report will be submitted by February 29, 1980, as required  
by Appendix B, Technical Specification Section 5.4.2.1.

Sincerely,

D. V. Shaller  
Plant Manager

/jas

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  
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