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 AUTH NAME: AUTHOR AFFILIATION
 ALEXICH, M.P. Indiana & Michigan Electric Co.
 RECIP NAME: RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Submits status of testing performed on control room
 ionization smoke detectors. Addl detectors installed &
 addl test completed on 830915. Item 23 of Table 1 of fire
 protection safety evaluation satisfied.

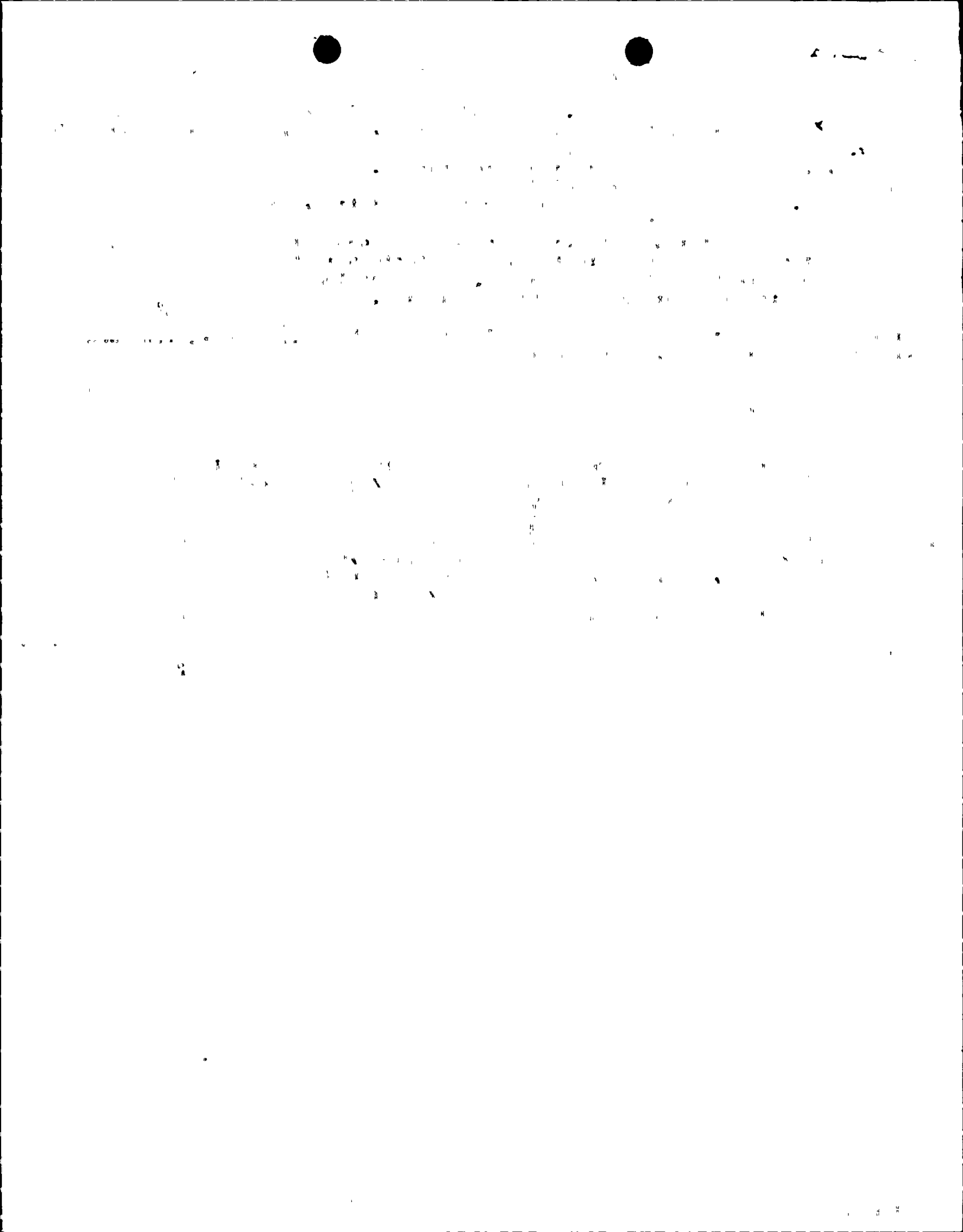
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INDIANA & MICHIGAN ELECTRIC COMPANY

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October 11, 1985
AEP:NRC:0670F

Donald C. Cook Nuclear Plant Unit No. 1
Docket No. 50-315
License No. DPR-58
CONTROL ROOM FIRE DETECTION TEST

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

The purpose of this letter is to docket the status of testing performed on the Unit 1 control room ionization smoke detectors. Testing was required by Unit 1 License Condition 2.c(4) (Amendment 31 to License DPR-58), which states that we must complete all the modifications listed in Table 1 of the June 4, 1979 Fire Protection Safety Evaluation (SE). Item 23 of Table 1 required us to conduct a control room detector test for Unit 1.

Our letter AEP:NRC:0670 dated April 7, 1982 to you discussed tests that were performed in response to Item 23 of Table 1 to the SE. The tests failed. As a result, we decided to install additional detectors in the control room.

The additional detectors were installed, and another test in the Unit 1 control room was completed on September 15, 1983. The detectors passed the test, as was confirmed by our two consultants (Professional Loss Control and Pyrotronics). We therefore believe that Item 23 of Table 1 of the SE has been satisfied. Thus, we believe this part of Unit 1 License Condition 2.c(4) has been fulfilled.

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,

M. R. Alexich
M. R. Alexich
Vice President

Ken
10-10-85

8510160041 851011
PDR ADDCK 05000315
F. PDR

cc: John E. Dolan
W. G. Smith, Jr. - Bridgman
R. C. Callen
G. Bruchmann
G. Charnoff
NRC Resident Inspector - Bridgman

A006
1/0

The first part of the report discusses the general situation of the country and the progress of the work. It also mentions the results of the various investigations and the conclusions drawn from them. The second part of the report deals with the specific details of the work, including the methods used, the results obtained, and the conclusions reached. The third part of the report discusses the future work and the plans for the next year.

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