

AUG 26 1985

Docket No. 50-315/85-13  
Docket No. 50-316

American Electric Power Service  
Corporation  
Indiana and Michigan Electric Company  
ATTN: Mr. John E. Dolan  
Vice Chairman  
Engineering and Construction  
1 Riverside Plaza  
Columbus, OH 43216

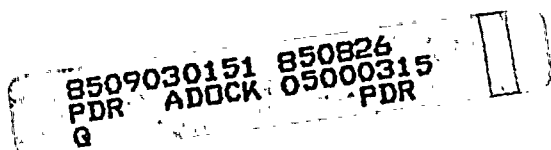
Gentlemen:

This refers to the special safety inspection conducted by Messrs. J. M. Ulie, B. Jorgensen, and J. K. Heller of this office on April 29 through May 3, June 21, and August 5-9, 1985, of activities at D. C. Cook Nuclear Plant, Units 1 and 2, authorized by NRC Operating License Nos. DPR-58 and DPR-74 and to the discussion of our findings with Mr. Wilbur G. Smith Jr., and others of your staff during the course of and at the conclusion of the inspection. Additional information concerning sealing the inside of conduits was discussed on May 17, and August 1, 1985, during a telephone call between Mr. Ulie and members of your staff. Further, on June 21, 1985, Mr. Ulie conducted an inspection at AEP's Columbus Office to discuss the applicable documentation or action necessary to resolve outstanding NRC concerns.

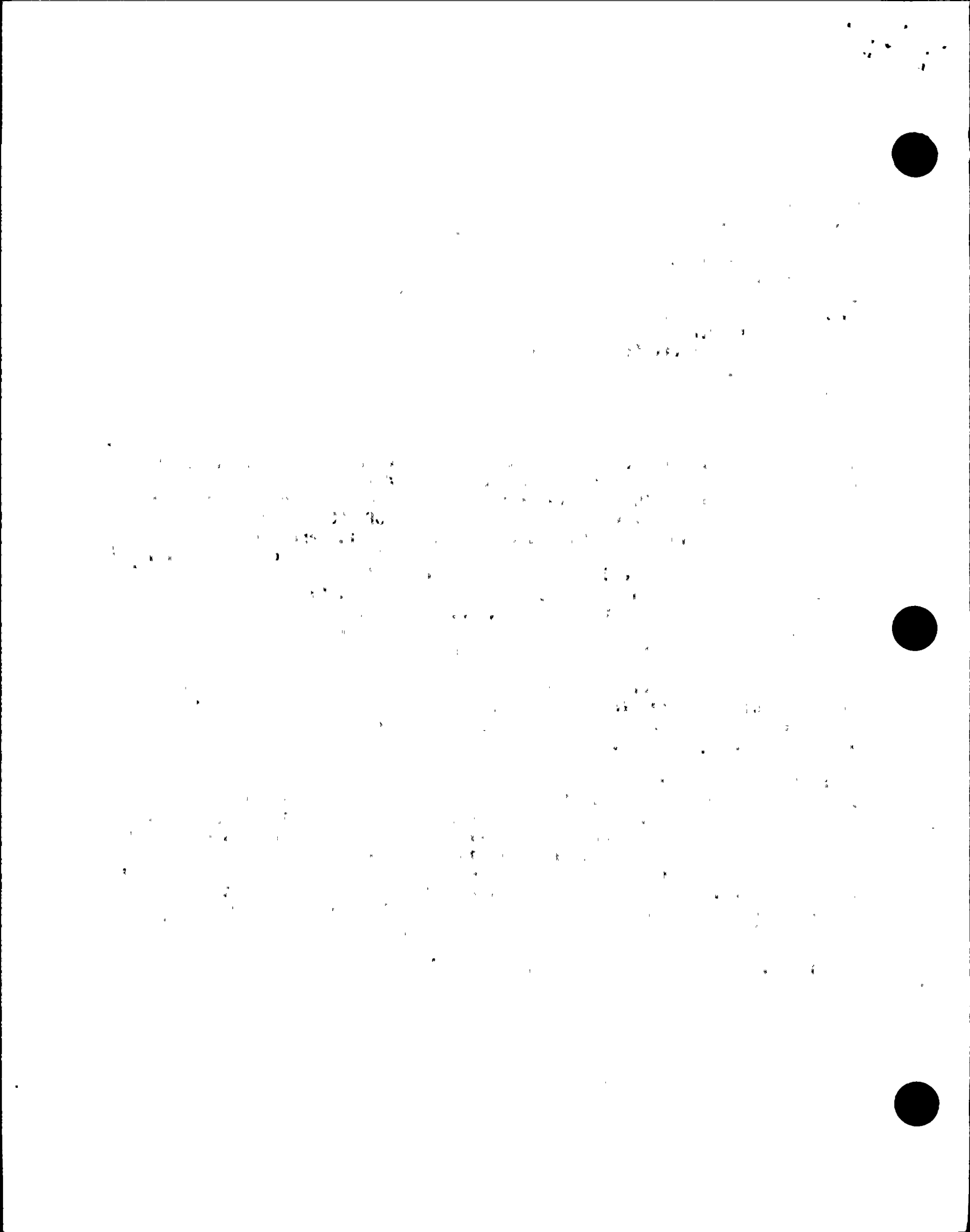
The enclosed copy of our inspection report identifies areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel.

This inspection involved a review of actions you have taken to resolve previously identified technical issues in the area of fire protection, assessment of your implementation of certain elements of your fire protection program, and a review of certain allegations received by the NRC with respect to fire barrier penetration seals. Our inspection of previously identified technical issues focused solely on the technical adequacy of those actions you have taken without consideration of any associated enforcement activities. As such, no inferences should be made on your part with respect to the status of enforcement.

No violations of NRC requirements were identified during the course of this inspection.



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As discussed in Paragraph 2.r of the enclosed report, it was identified that a difference of opinion exists between your staff and that of the NRC over your commitments relative to sealing certain fire barrier penetrations. In order to provide expeditious resolution of this issue, we understand that you will provide your position on this matter to the Region III Office two weeks following your receipt of this inspection report.

During the course of this inspection it was determined that a number of previously identified issues requiring action on your part and impacting your implementation of 10 CFR 50.48 and Appendix R remain open (Paragraphs 2.p, 2.t(16), 2.t(17), 2.5(10), 2.5(24), 2.5(25), 2.t(26), and 2.v). In addition, several new issues were identified which require action on your part and which impact your implementation of 10 CFR 50.48 and Appendix R (Paragraphs 4, 5.a, 6, 7, 8, and 9.d). These issues must be resolved consistent with your currently approved fire protection implementation schedule (two months following the 1985 Unit 2 refueling outage).

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosure will be placed in the NRC Public Document Room.

The response requested by this letter is not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

ORIGINAL SIGNED BY CARL J. PAPERIELLO

C. J. Paperiello, Director  
Division of Reactor Safety

Enclosure: Inspection Report  
Nos. 50-315/85013(DRS);  
and 50-316/85013(DRS)

cc w/enclosure:  
W. G. Smith, Jr., Plant Manager  
DMB/Document Control Desk (RIDS)  
Resident Inspector, RIII  
Ronald Callen, Michigan  
Public Service Commission  
EIS Coordinator, USEPA  
Region 5 Office  
Nuclear Facilities and  
Environmental Monitoring  
Section

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Heller	Jorgensen	Weil				
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Davis

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