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ACCESSION NBR: 8710280256 DDC DATE: 87/10/23 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316

AUTH. NAME AUTHOR AFFILIATION
 WIND, J. A. Region 3, Ofc of the Director
 RECIP. NAME RECIPIENT AFFILIATION
 DOLAN, J. E. American Electric Power Service Corp.
 DOLAN, J. E. Indiana & Michigan Electric Co.

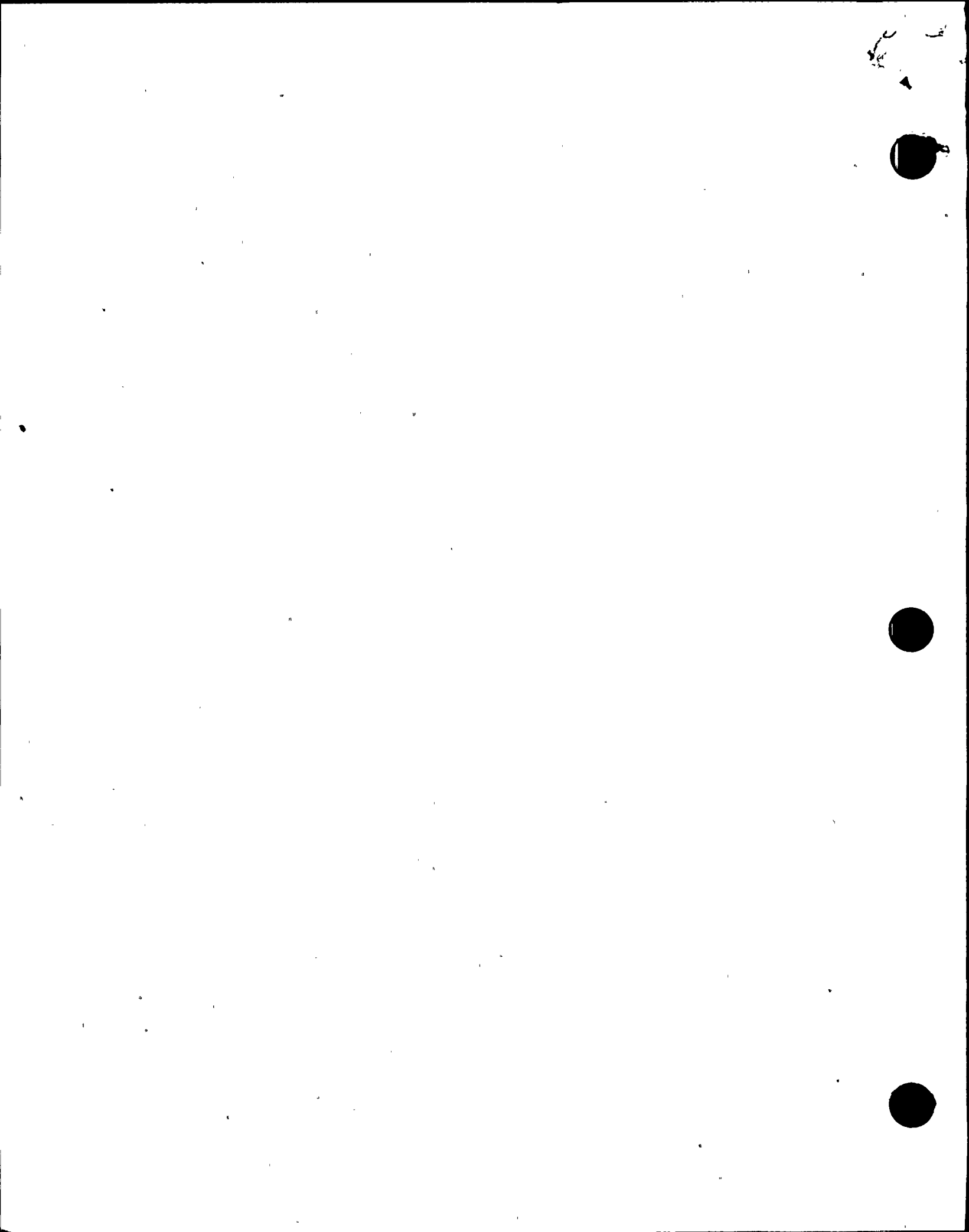
SUBJECT: Forwards Insp Repts 50-315/87-02 & 50-316/87-02 on
 870716-0831 & notice of violation.

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OCT 23 1987

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Docket No. 50-315
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

This refers to the safety inspection conducted by Messrs. C. F. Gill and W. W. Ogg of this office during the period July 16 through August 31, 1987, of activities at D.C. Cook Nuclear Plant, Units 1 and 2, authorized by NRC Operating Licenses No. DPR-58 and No. DPR-74 and to the discussion of our findings with Mr. W. G. Smith, Jr., and others following the inspection.

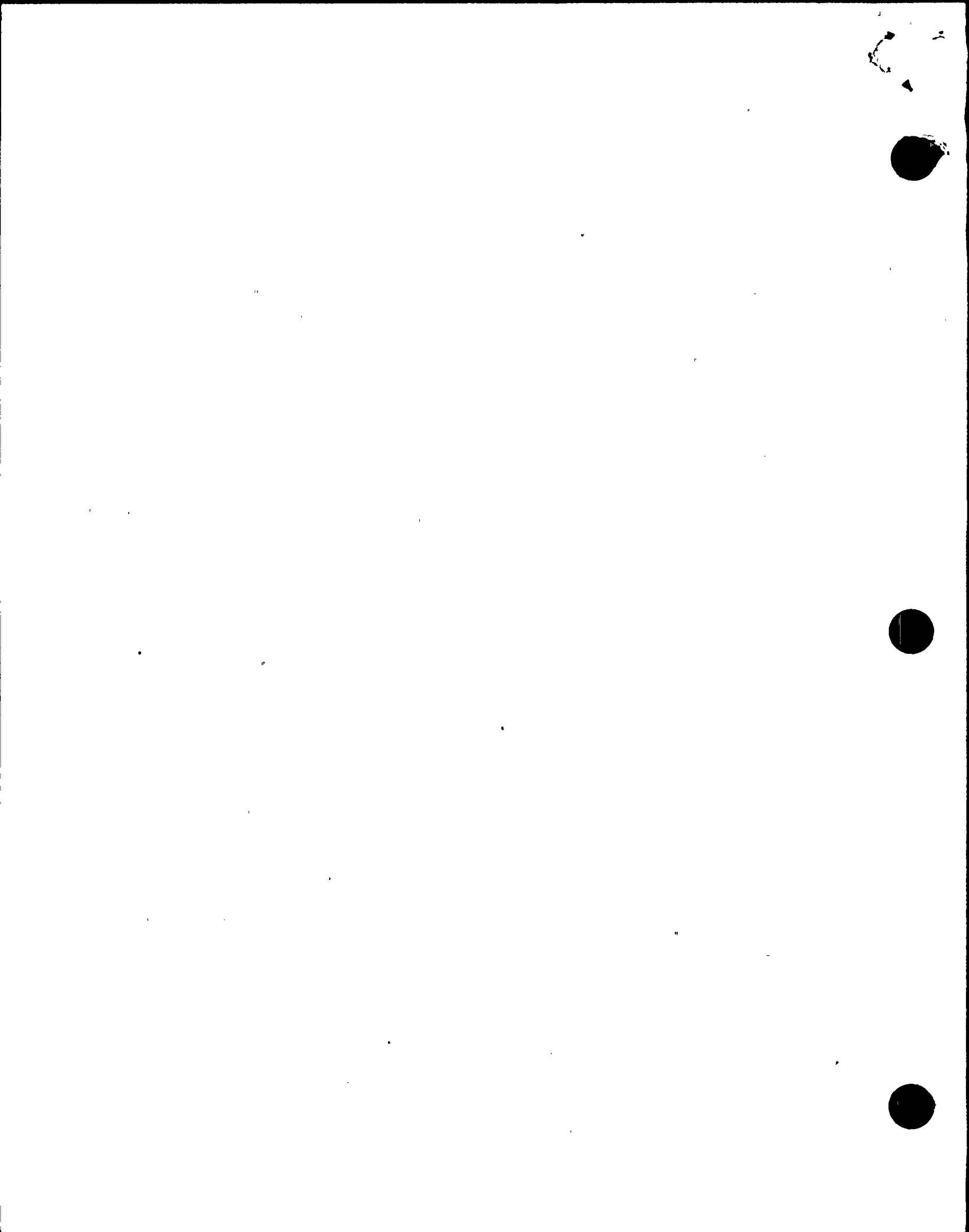
The enclosed copy of our inspection report identifies areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, independent measurements, and interviews with personnel. The inspection included a review of findings from an investigation conducted on October 22, 1986, by representatives of the Department of Health and Environmental Control, State of South Carolina, of a waste shipment from the D.C. Cook Nuclear Plant, upon arrival of the shipment at the Barnwell, South Carolina low-level waste burial site. The results of the State's investigations were conveyed to your company by a letter dated October 27, 1986, from the State of South Carolina.

During this inspection, certain of your activities appeared to be in violation of NRC requirements, as specified in the enclosed Notice of Violation. Item No. 1 has already been the subject of enforcement action by the State of South Carolina. The review of your response to the State of South Carolina regarding Item No. 1 showed that the actions described in Section 14 of the attached report had been taken to correct the identified violation and to prevent recurrence. Consequently, no reply to this violation is required and we have no further questions regarding this matter at this time. If our description of your corrective actions is incorrect, please notify us in writing within 30 days of the date of this letter. A written response is required for Items No. 2 through No. 5.

We are concerned that the Radiation Protection Improvement Plan which you implemented over the last two years has not adequately corrected weaknesses in your radiation protection program. We base this concern on findings of recent NRC inspections as well as recent special studies conducted by you and your consultants. These findings appear indicative of management control weaknesses affecting your radiation protection program, particularly staffing and organizational weaknesses and a pervasive failure to implement effective

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corrective actions for identified problems. In order to address our concern, please plan to meet with Region III management representatives within 45 days of the date of this letter. At that meeting, you are requested to present your program, with goals and scheduled milestones, to resolve the aforementioned weaknesses.

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

The responses directed by this letter and the accompanying Notice are 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,

Jack A. Hind, Director
Division of Radiation Safety
and Safeguards

Enclosures:

- 1. Notice of Violation
- 2. Inspection Reports
No. 50-315/87002(DRSS); and
No. 50-316/87002(DRSS)

cc w/enclosures:

W. G. Smith, Jr., Plant Manager
DCD/DCB (RIDS)
Licensing Fee Management Branch
Resident Inspector, RIII
Ronald Callen, Michigan
Public Service Commission
EIS Coordinator, USEPA
Region 5 Office
Michigan Department of
Public Health

yes
 RIII
 Gill/lms
 10/22/87

yes
 RIII
 WWO
 Ogg

 RIII
 Greger

yes
 RIII
 Weil
 for 10/22

 RIII
 Burgess
 10/22/87

 RIII
 Shafer

 RIII
 Hogg