



UNITED STATES  
 NUCLEAR REGULATORY COMMISSION  
 REGION III  
 799 ROOSEVELT ROAD  
 GLEN ELLYN, ILLINOIS 60137

DOD(DCB)  
 Rids

Docket No. 50-315  
 No. 50-316

American Electric Power Service Corporation  
 Indiana Michigan Power Company  
 ATTN: Mr. E. E. Fitzpatrick  
 Vice President - Nuclear,  
 Operations Division  
 1 Riverside Plaza  
 Columbus, OH 43216

Gentlemen:

This refers to the routine safety inspection conducted by Messrs. J. A. Isor and D. G. Passehl of this office from February 6, 1991, through March 19, 1991, of activities at the Donald C. Cook Nuclear Plant, Units 1 and 2, authorized by NRC Operating Licenses No. DPR-58 and DPR-74, and to the discussion of our findings with A. A. Blind, and others of your staff at the conclusion of the inspection. This refers also to the evaluation of your control room simulator which was performed on February 19-21, 1991.

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.

No violations of NRC requirements were identified during the course of this inspection. One unresolved item was identified concerning the operability of the Unit 1 boric acid flow paths. The item is discussed in paragraph 8.b. of the attached report.

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

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

Sincerely,

*Robert M. Dreyfus*

for Brent Clayton, Chief  
 Reactor Projects Branch 2

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 PDR ADOCK 05000315  
 PDR

Enclosure:

1. Inspection Reports
  - No. 50-315/91004(DRP)
  - No. 50-316/91004(DRP)

See Attached Distribution

*J. J. J.*



American Electric Power Service

2

Distribution

cc w/enclosures:

A. A. Blind, Plant Manager

DCD/DCB (RIDS)

Licensing Fee Management Branch

Resident Inspector, RIII

James R. Padgett, Michigan

Public Service Commission

EIS Coordinator, USEPA

Region 5 Office

Michigan Department of

Public Health

T. G. Colburn, LPM, NRR