



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

June 6, 1986

Docket Nos. 50-315/316

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Mr. John Dolan, Vice President
Indiana and Michigan Electric Company
C/O American Electric Power
Service Corporation
1 Riverside Plaza
Columbus, Ohio 43215

Dear Mr. Dolan:

SUBJECT: DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2 - REGULATORY
EFFECTIVENESS REVIEW

From August 12-17, 1984, the NRC conducted a Regulatory Effectiveness Review (RER) at Donald C. Cook Nuclear Plant, Units 1 and 2. The findings of that review are documented in the enclosed portions of the RER report: Part I, Safeguards Systems Effectiveness Review; Part II, Vital Area Definition; and Part III, Safety/Safeguards Interface Review.

While a number of strengths were observed in your safeguards program, certain safeguards matters were found that warrant further consideration. Accordingly, it is requested that you provide comments relative to those areas indicated as needing attention in the above documents. To assist in your consideration of findings, the RER report includes some suggestions as to possible corrective measures. It should not be inferred that these are the only acceptable solutions.

The enclosed portions of the RER report present the findings of the Regulatory Effectiveness Review and do not, in themselves, constitute a requirement for any licensee action. However, some of the findings could constitute potential items of non-compliance. If such findings have not already been addressed during an inspection by the NRC Regional Office, they could be in a future inspection. We recommend that you review your plan in light of these findings and initiate any corrective action necessary to ensure that any possible items of non-compliance are corrected expeditiously.

Your comments on the RER report will be reviewed to determine the need for any subsequent regulatory actions, including the possible need to initiate any backfit procedures. A response within 45 days of the date of this letter will be appreciated.

The vital area part of the report is provided to keep you informed of the results of the Los Alamos National Laboratory vital area analysis of your plant. It is not intended to convey any new or changed NRC staff position or backfit. In fact, NRC policy concerning vital areas is presently undergoing staff review. Once the NRC adopts a final position regarding the identification of vital equipment, the vital area analyses of all plants, including Donald C. Cook, will be reevaluated from a licensing perspective.

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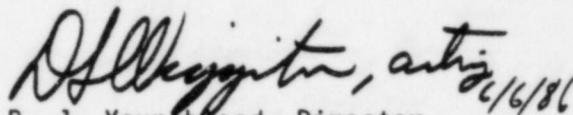
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The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

The enclosures to this letter contain Safeguards Information of a type specified in 10 CFR 73.21 and must be protected against unauthorized disclosure.

Sincerely,



B. J. Youngblood, Director
PWR Project Directorate #4
Division of PWR Licensing-A

Enclosures:

1. Safeguards Systems Effectiveness Review, Part I
2. Vital Area Definition, Part II
3. Safety/Safeguards Interface Review, Part III

cc w/o enclosures:
See next page

"VIOLATION OF PROTECTION REQUIREMENTS
OF 10 CFR 73.21 SUBJECT TO CIVIL OR
CRIMINAL PENALTIES"

Enclosure(s) contain(s)

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Mr. John Dolan
Indiana and Michigan Electric Company

Donald C. Cook Nuclear Plant

cc:

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Sincerely,

Original signed by
D. Wigginton for
B. J. Youngblood, Director
PWR Project Directorate #4
Division of PWR Licensing-A

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