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 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316
 AUTH. NAME AUTHOR AFFILIATION
 GRANT, G.E. Region 3 (Post 820201)
 RECIP. NAME RECIPIENT AFFILIATION
 FITZPATRICK, E. American Electric Power Co., Inc.

SUBJECT: Forwards insp rept 50-315/96-13 & 50-316/96-13 on 961213 & notice of violation.

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February 4, 1997

EA 97-20

Mr. E. E. Fitzpatrick
Senior Vice President
Nuclear Generation Group
American Electric Power Company
500 Circle Drive
Buchanan, MI 49107-1395

SUBJECT: SYSTEM OPERATIONAL PERFORMANCE INSPECTION (SOPI) REPORT
NOS. 50-315/96013(DRS); 50-316/96013(DRS), NOTICE OF DEVIATION,
AND NOTICE OF VIOLATION

Dear Mr. Fitzpatrick:

On December 13, 1996, the NRC completed a system operational performance inspection (SOPI) at your Donald C. Cook facility. The enclosed report presents the results of that inspection.

Based on the inspection results, certain of your activities appeared to be in violation of NRC requirements, as specified in the enclosed Notice of Violation (Notice). The violations are of concern because timely corrective actions for identified problems, adherence to station procedures, adequate procedures, and appropriate testing acceptance criteria, are all important aspects of safe plant operation. In particular, we are concerned about problems identified regarding our design performance review of the centrifugal charging pumps.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to take to prevent recurrence. After reviewing your response to this Notice, including your proposed corrective actions and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

Also, based on the results of this inspection, certain of your activities, set forth in the enclosure to this letter, appear to be a deviation from commitments which you have made in previous correspondence with the Commission regarding the use of NUREG-0737 assumptions in the design basis accident radiological analysis. A written response is requested.

In addition, the inspectors identified several examples where technical specification interpretations could not be technically justified. Although the consequences of the inadequate interpretations were not significant, we are concerned about the effectiveness of the technical specification interpretation review process and the possibility that

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E. E. Fitzpatrick

2

February 4, 1997

additional technical specification interpretation problems may exist. As a result, and as discussed at the December 13, 1996 exit meeting, you committed to provide the results of your review of your remaining technical specification interpretations. You are requested to provide these results within 30 days of receipt of this letter.

Also, at the end of the inspection, the inspectors were provided with calculations which were subsequently reviewed. As a result of that review, additional questions were developed as discussed in Attachments A and B of this report. You are requested to provide, within 60 days of receipt of this letter, a written response to these questions.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosures, and your response will be placed in the NRC Public Document Room (PDR). To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction.

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

Sincerely,

/s/ G. E. Grant

Geoffrey E. Grant, Director
Division of Reactor Safety

Docket Nos.: 50-315, 50-316
License Nos.: DPR-58, DPR-74

Enclosures: 1. Notice of Deviation
2. Notice of Violation
3. Inspection Report
No. 50-315/96013(DRS);
No. 50-316/96013(DRS)

See Attached Distribution

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Also, at the end of the inspection, the inspectors were provided with calculations which were subsequently reviewed. As a result of that review, additional questions were developed for which additional information is required as discussed in Attachments A and B of this report. You are requested to provide, within 60 days of receipt of this letter, a written response to these requests.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosures, and your response will be placed in the NRC Public Document Room (PDR). To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction.

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

Sincerely,

Geoffrey E. Grant, Director
Division of Reactor Safety

Docket Nos.: 50-315, 50-316
License Nos.: DPR-58, DPR-74

Enclosures: 1. Notice of Violation
2. Inspection Report
No. 50-315/96013(DRS);
No. 50-316/96013(DRS)

cc w/encls: A. A. Blind, Site Vice President
John Sampson, Plant Manager
James R. Padgett, Michigan Public
Service Commission
Michigan Department of Public Health

SEE ATTACHED CONCURRENCES

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E. E. Fitzpatrick

3

February 4, 1997

cc w/encls: A. A. Blind, Site Vice President
John Sampson, Plant Manager
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