

Docket Nos. 50-315  
and 50-316

SEP 20 1983

Mr. John Dolan, Vice President  
Indiana and Michigan Electric Company  
c/o American Electric Power Service Corporation  
1 Riverside Plaza  
Columbus, Ohio 43216

Dear Mr. Dolan:

Subject: Control of Heavy Loads (Phase I) - NUREG-0612  
Donald C. Cook Nuclear Plant, Unit Nos. 1 and 2

Enclosed is a copy of our safety evaluation (SE) for D.C. Cook Units 1 and 2, which was developed based on the Indiana and Michigan Electric Company's response to the December 22, 1980 generic letter on "Control of Heavy Loads." This SE was prepared after receiving the TER, which was developed by the Franklin Research Center (FRC). We concur with the findings contained in the TER and conclude that the guidelines in NUREG-0612, Sections 5.1.1 and 5.3 have been satisfied and, therefore, conclude that Phase I for D.C. Cook Units 1 and 2 is acceptable. The TER is considered a part of our SE. An evaluation of Phase II will be the subject of future correspondence.

Sincerely,

Original signed by:  
S. A. Varga

Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
Division of Licensing

Enclosures:  
Safety Evaluation and the  
Technical Evaluation Report  
attached thereto

cc w/enclosures:  
See next page

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Mr. John Dolan  
Indiana and Michigan Electric Company

cc: Mr. M. P. Alexich  
Assistant Vice President.  
for Nuclear Engineering  
American Electric Power  
Service Corporation  
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New York, New York 10004

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U. S. Nuclear Regulatory Commission  
Resident Inspectors Office  
7700 Red Arrow Highway  
Stevensville, Michigan 49127

The Honorable Tom Corcoran  
United States House of Representatives  
Washington, D. C. 20515

James G. Keppler  
Regional Administrator - Region III  
U. S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

