

AMERICAN ELECTRIC POWER Service Corporation



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JOHN E. DOLAN
Senior Executive Vice President
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September 30, 1976

Donald C. Cook Nuclear Plant Units 1 & 2
Docket Nos. 50-315 and 50-316
DPR No. 58 and CPPR No. 61

Mr. J. G. Keppler, Regional Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

In my August 18, 1976 letter to you, concerning seismic qualification of conduit systems, I indicated that additional information and a schedule for the review of the installed conduit systems would be provided to you by September 30, 1976.

Since my first letter, several meetings have been held with the organization that analyzed our cable trough system for seismic qualification and with our seismic consultant. A combined testing and analytical approach to the problem has been selected. A General Test Description Document has been prepared and several types of conduit clamps and typical supports are to be tested to determine their seismic support characteristics. A Design Criteria Document has been prepared. A dynamic analysis of the overall conduit systems (conduit, clamps and supports) will be performed utilizing the support characteristics as obtained from the testing program.

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This approach requires an investigation of the "as-installed" conduit systems at the plant to assure that the different methods of supporting conduit are considered. After the testing, field data gathering and analyses are complete, criteria and instructions for implementation of any modifications shall be developed. Implementation of these modifications at the plant shall be supervised by Indiana & Michigan Power Company personnel.

The following schedule is now anticipated:

Field Data Gathering.....October 1976
Completion of Testing.....December 1976
Completion of Analysis.....January, 1977
Development of Typical & Special
Supports.....February 1977
Begin Field Implementation.....March 1977

It is not possible at this time to estimate how long it will take to complete any modifications. When the analysis and development of typical and special supports are completed, it should be possible to establish a scheduled completion date for implementation at the plant.

Very truly yours,


John E. Dolan

Senior Executive Vice President
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JED:mam

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