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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:

We have completed our review of the Indiana and Michigan Electric Company (IMEC) responses to IE Bulletin 80-11, Masonry Wall Design, for the Donald C. Cook Nuclear Plant, Unit Nos. 1 and 2. Our Safety Evaluation and our contractor Technical Evaluation Report are provided in the enclosure.

In our review, we have determined that the IMEC evaluations and modifications of masonry walls at the Donald C. Cook Nuclear Plant are acceptable except for five walls where IMEC has relied upon joint reinforcing in qualifying unreinforced masonry walls. The structural significance of joint reinforcement in masonry walls is not well established, and therefore, its use as a structural element is not acceptable. Our staff position on the use of joint reinforcing in qualifying unreinforced masonry walls is also enclosed. We request that IMEC inform us of actions planned and the schedule for completion of wall modifications in conformance with the wall design criteria (Appendix A to the Technical Evaluation Report).

Your response should be made in accordance with 10 CFR 50.54(f). We also request that this response be made within 30 days of receipt of this letter. If you have any questions, please contact the Operating Reactor Project Manager for your plant.

Sincerely,
Original signed by:
S. A. Varga

Stephen A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Enclosures:
See next page

cc w/enclosures:
See next page

orb#1	orb#1	OELD
DWigginton	SVarga	WPatterson
9/2/83	9/20/83	9/19/83

with noted corrections in letter, safety evaluation, + SGEB staff position paper

Docket Nos. 50-315
and 50-316

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

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Sincerely,

Stephen A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Enclosures:
See next page

cc w/enclosures:
See next page

cc. C. Trammell
N. Chokshi

orb#1
DWigginton
9/1 /83

orb#1
SVarga
9/ /83

C. TRAMMELL
ORB 3
9/1 /83

Mr. John Dolan
Indiana and Michigan Electric Company

cc: Mr. M. P. Alexich
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Resident Inspectors Office
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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