

Indiana Michigan
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July 16, 2002

AEP:NRC:2520
10 CFR 50.90

Docket No.: 50-315
50-316

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

Donald C. Cook Nuclear Plant Units 1 and 2
RESPONSE TO NUCLEAR REGULATORY COMMISSION REQUEST FOR
ADDITIONAL INFORMATION REGARDING CONTAINMENT
STRUCTURE CONFORMANCE TO DESIGN BASIS REQUIREMENTS
(TAC NOS. MB3603 AND MB3604)

Reference: Letter from J. F. Stang (NRC) to A. C. Bakken (I&M),
“Donald C. Cook Nuclear Plant, Units 1 and 2 – Request
for Additional Information, Regarding Containment
Structure Conformance to Design Basis Requirements
(TAC Nos. MB3603 and MB3604),” dated May 31, 2002

This letter provides Indiana Michigan Power Company’s (I&M) response to a Nuclear Regulatory Commission request for additional information (RAI) regarding conformance of the containment structures at Donald C. Cook Nuclear Plant to design basis requirements. The RAI was transmitted by the referenced letter. The referenced letter documented I&M’s agreement to provide its response to the RAI by July 2, 2002. In subsequent telephone discussions, I&M informed J. F. Stang, NRC, that the response would be submitted by July 16, 2002.

Attachment 1 to this letter provides the requested information. Attachments 2 through 6 provide additional documentation supporting the information provided in Attachment 1. Attachment 7 documents a new commitment contained in this letter.

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Should you have any questions, please contact Mr. Gordon P. Arent, Manager of Regulatory Affairs, at (616) 697-5553.

Sincerely,



Scot A. Greenlee
Director of Nuclear Technical Services

JRW/jen

Attachments:

1. Response to Nuclear Regulatory Commission Request for Additional Information Regarding Containment Structure Conformance to Design Basis Requirements
 2. AEP Report No. NED-2001-010-REP, "Test Report for Reactor Reflective Insulation Crushing Experiments," dated May 2001
 3. AEP Report No. NED-2001-011-REP, "The response of Reflective Insulation and HVAC Ducting to Design Basis Events," dated May 2001
 4. Comparison of Selected Verification Problems - ADINA versus SOLVIA
 5. Solvia Engineering Report SE 99-4, "SOLVIA Verification Manual Linear Examples"
 6. Solvia Engineering Report SE 99-5, "SOLVIA Verification Manual Non-Linear Examples"
 7. Comittments
- c: K. D. Curry, w/o attachments
 J. E. Dyer
 MDEQ - DW & RPD, w/o attachments
 NRC Resident Inspector
 R. Whale, w/o attachments