

September 23, 2004

LICENSEE: Indiana Michigan Power Company  
FACILITY: Donald C. Cook Nuclear Plant, Units 1 and 2  
SUBJECT: SUMMARY OF TELEPHONE CONFERENCE HELD ON SEPTEMBER 7, 2004,  
BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND INDIANA  
MICHIGAN POWER COMPANY, CONCERNING FOLLOW-UP ITEMS TO  
REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE  
DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2, LICENSE RENEWAL  
APPLICATION

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Indiana Michigan Power Company (I&M) held a telephone conference on September 7, 2004, to discuss and clarify follow-up items to requests for additional information (RAIs) concerning the Donald C. Cook Nuclear Plant, Units 1 and 2, license renewal application (LRA). The conference call was useful in clarifying the intent of the follow-up items.

Enclosure 1 provides a listing of the telephone conference participants. Enclosure 2 contains a listing of the items discussed with the applicant, including a brief description on the status of the items.

The applicant has had an opportunity to comment on this summary.

*/RA/*

Jonathan G. Rowley, Project Manager  
License Renewal Section A  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-315 and 50-316

Enclosures: As stated

cc w/encls: See next page

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LIST OF PARTICIPANTS FOR TELEPHONE CONFERENCE  
TO DISCUSS THE DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION  
SEPTEMBER 7, 2004

**Participants**

Jonathan Rowley  
Hansraj Ashar  
Neil Haggerty  
Bob Kalinowski

**Affiliations**

U.S. Nuclear Regulatory Commission (NRC)  
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Indiana Michigan Power Company (I&M)  
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FOLLOW-UP ITEMS  
DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION

SEPTEMBER 7, 2004

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Indiana Michigan Power Company (I&M) held a telephone conference call on September 7, 2004, to discuss and clarify follow-up items to RAIs concerning the Donald C. Cook Nuclear Plant, Units 1 and 2 (Cook), license renewal application (LRA). The following Items were discussed during the telephone conference call.

**1. Follow-up Item to RAI 3.5-1**

How many penetration bellows are in the Cook containments? Please summarize the operating experience related to the examination of these bellows. If provisions are made to assess their leaktightness (as they are not accessible for visual examination), please provide a summary of these provisions (including frequency of tests), and indicate if such leaktightness assessment of the bellows is part of the LRA aging management program (AMP) B.1.15 or B.1.8.

**Staff Request**

I&M's original response to RAI 3.5-1 indicates that the Cook containments do not have any containment pressure-boundary bellows. I&M is requested to confirm.

**Status:** The staff indicated to the applicant that the original response appeared contradictory to Table 3.5.2-1 of the LRA. Following an evaluation of the staff's position, the applicant stated that the response will be clarified. The applicant will submit a revised response.

**2. Follow-up Item to RAI 3.5-2**

For seals and gaskets related to containment penetrations, in Item Number 3.5.1-6 of the LRA, containment in-service inspection (ISI) and containment leak rate testing have been stated as the aging management programs. For equipment hatches and air-locks at Cook, the staff agrees with the applicant's assertion that the leak rate testing program will monitor aging degradation of their seals and gaskets, as they are leak rate tested after each closing. For other penetrations with seals and gaskets, the applicant is requested to provide information regarding the adequacy of Type B leak rate testing frequency to monitor aging degradation of seals and gaskets at Cook.

**Staff Request**

Item II A3.3-a (Page II A3-5) of NUREG-1801 addresses the aging management of seals, gaskets, etc., which are part of the containment pressure boundary, i.e. seals and gaskets of equipment hatches, and mechanical & electrical penetrations. If I&M plans to monitor only air lock seals by means of containment leakage rate testing, then the applicant is requested to provide additional information regarding the aging management of seals and gaskets of equipment hatches, and mechanical and electrical penetration associated with the containment

Enclosure 2

pressure boundary. If I&M credits containment leak rate testing program (Type B test of Appendix J) for aging management of these seals and gaskets, the applicant is requested to provide additional information as requested in RAI 3.5-2.

**Status:** The applicant indicated that the question is clear. The applicant will submit a revised response.

Donald C. Cook Nuclear Plant, Units 1 and 2

cc:

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