

February 21, 2001

Mr. R. P. Powers  
Senior Vice President  
Nuclear Generation Group  
American Electric Power Company  
500 Circle Drive  
Buchanan, MI 49107-1395

SUBJECT: SUMMARY OF THE FEBRUARY 15, 2001, D. C. COOK PUBLIC MEETINGS

Dear Mr. Powers:

On February 15, 2001, the Nuclear Regulatory Commission (NRC) held two public meetings at the D. C. Cook Training Center in Bridgman, Michigan. The first meeting was held to discuss the status of corrective action efforts associated with the D. C. Cook Unit 1 and 2 containment structural issues. The second meeting was focused on D. C. Cook Unit 1 and 2 operational performance and the status of long term corrective actions related to backlog reduction and sustaining engineering improvement initiatives. Formal presentations were made by the Indiana Michigan Power Company (licensee) staff. Enclosure 1 is a list of attendees for the meetings, and a copy of the slides used by the licensee is provided as Enclosure 2.

The MC 0350 public meetings between the licensee and the NRC staff are designed to provide a mechanism for the exchange of information and a update on the status of D. C. Cook performance. High-level management from the NRC and the licensee participated in the meetings.

The licensee's presentation at the first meeting on February 15, 2001, focused on the status of ongoing activities related to the analysis of containment structural issues. Specifically, Mr. M. W. Rencheck, Vice President Nuclear Engineering, and other members of your engineering staff, provided an update of actions described in Mr. Renchecks' October 15, 2000, letter to the NRC regarding the resolution of containment structural issues at D. C. Cook. The letter provided a description of actions taken or planned to address a condition in which certain internal containment structural elements potentially did not meet the design load margins as described in the plant's licensing basis. At the meeting your staff described the long term corrective action plan and provided a summary of completed and ongoing actions. Actions completed included Unit 1 flow area walkdowns and calculations, development of finite element models, and Transient Mass Distribution analysis scoping runs for reconstituted containment flow areas. During the meeting discussions were held between the NRC and your staff regarding the results of the area walkdowns and actions being taken to verify the quality of calculations performed by outside contractors. Your staff stated that no significant deficiencies were identified during the walkdowns and that Performance Assurance and third party structural experts have conducted reviews of contractor calculations to verify quality. Your staff briefly discussed the status of ongoing evaluations of missile shield block rebar thickness issues that were recently identified during verification reviews of design information. Your staff then presented a summary of actions in progress including the identification of potential modifications, potential license amendments, and conduct of a finite element analysis for the

reactor cavity crane wall and missile blocks. In closing, Mr. Rencheck summarized that significant progress had been achieved and that most preliminary refined analysis results are demonstrating conformance with the design basis. In addition, Mr. Rencheck stated that his staff is conservatively reconfirming inputs for bounding evaluations and refined analysis, and his staff is evaluating NRC staff questions regarding assumptions utilized in past evaluations. Mr. Rencheck stated that the analysis portion of the corrective action plan should be complete in May 2001, and that any changes to the schedule for completing the corrective action plan will be promptly communicated to the NRC staff.

The second meeting on February 15, 2001, was focused on overall performance of D. C. Cook Units 1 and 2. Your staff provided a summary of plant performance since the restart of Unit 1 in December 2000, and provided information regarding site goals and priorities for 2001. Your Plant Manager provided a synopsis of Unit 1 restart activities, stating that the restart was performed in a controlled and deliberate manner and that challenges were successfully addressed. The Plant Manager then discussed recent plant performance, including staff performance, in response to control rod drive problems on Unit 2 in January 2001, and Unit 1 reactor protection system problems in February 2001. Your Site Vice President stated that overall staff response to the problems was good; in particular, engineering and maintenance personnel provided good support in troubleshooting and evaluating the issues in a timely manner. The Site Vice President did note that communications with the NRC staff regarding these technical issues could have been more timely and that further improvements can be made in this area. In addition, in response to NRC staff questions, your staff discussed the status of human performance improvement initiatives. Your staff stated that the priorities for the site in 2001 are safe operation, successful completion of the Unit 2 refueling outage, reducing the backlog of corrective action items, and improving the effectiveness of first line supervisors.

The Director of Nuclear Engineering and Regulatory Affairs then presented a summary of the sites transition to the revised reactor oversight program. He stated that all Unit 1 and 2 performance indicators are green with the exception of those requiring additional data, and that all performance indicators will be reported by April 2003. The Plant Manager then led a discussion of initiatives planned or in progress to reduce the maintenance and corrective action backlog. Your staff described plans to prioritize and execute maintenance activities so that the backlog can be reduced in a timely manner without negatively impacting preventive and emergent corrective maintenance activities. Your staff then presented a summary of preparations being taken to support the next refueling outage, and discussions were held between your staff and the NRC staff regarding outage related licensing issues.

Your Site Vice President concluded the meeting by stating that safety remains the number one priority and that actions are being initiated to focus staff efforts on ensuring that D. C. Cook will achieve top quartile performance.

Sincerely,

*/RA/*

Geoffrey Grant  
Division of Reactor Projects

Enclosures: 1. List of Meeting Attendees  
2. Licensee's Slide Presentation

Docket Nos. 50-315; 50-316  
License Nos. DPR-58; DPR-74

cc w/encl: A. C. Bakken III, Site Vice President  
J. Pollock, Plant Manager  
M. Rencheck, Vice President, Nuclear Engineering  
R. Whale, Michigan Public Service Commission  
Michigan Department of Environmental Quality  
Emergency Management Division  
MI Department of State Police  
D. Lochbaum, Union of Concerned Scientists

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**D. C. Cook Nuclear Plant  
February 15, 2001 NRC 0350 Restart Panel Meeting  
Operational Performance**

<b>Name</b>	<b>Organization</b>
<b>Geoffrey Grant</b>	<b>NRC</b>
<b>Anton Vogel</b>	<b>NRC</b>
<b>Bruce Bartlett</b>	<b>NRC</b>
<b>Kevin Coyne</b>	<b>NRC</b>
<b>Singh Bajwa</b>	<b>NRC</b>
<b>John Stang</b>	<b>NRC</b>
<b>Ron Gaston</b>	<b>AEP</b>
<b>Scot Greenlee</b>	<b>AEP</b>
<b>Mike Rencheck</b>	<b>AEP</b>
<b>Joe Pollock</b>	<b>AEP</b>
<b>Tom Noonan</b>	<b>AEP</b>
<b>Stan Farlow</b>	<b>AEP</b>
<b>James Nodeau</b>	<b>AEP</b>
<b>Tom Bergman</b>	<b>NRC</b>
<b>Matt Galbraith</b>	<b>SB Tribune</b>
<b>David Mayne</b>	<b>AEP</b>
<b>M. Russell</b>	<b>Berrien Co. Sheriff</b>
<b>David Chandler</b>	<b>Berrien Co. Sheriff</b>
<b>David F. Kunsemiller</b>	<b>AEP</b>
<b>Michael L. Horvath</b>	<b>AEP</b>
<b>David W. Jenkins</b>	<b>AEP</b>
<b>Perry D. Robinson</b>	<b>Foley &amp; Lardner</b>
<b>Robert K. Temple</b>	<b>Foley &amp; Lardner</b>
<b>Robert Godley</b>	<b>AEP</b>

**D. C. Cook Nuclear Plant  
February 15, 2001 NRC 0350 Technical Meeting  
Containment Structures Meeting**

<b>Ron Smith</b>	<b>AEP</b>
<b>Joe Wateus</b>	<b>AEP</b>
<b>Tom Bergman</b>	<b>NRC</b>
<b>J. A. Gavula</b>	<b>NRC</b>
<b>Steven West</b>	<b>NRC</b>
<b>Nilesh Chokshi</b>	<b>NRC</b>
<b>John Stang</b>	<b>NRC</b>
<b>Kevin Coyne</b>	<b>NRC</b>
<b>Brenda Kovarik</b>	<b>AEP</b>
<b>Bob Temple</b>	<b>Foley &amp; Lardner</b>
<b>Raman Pichumani</b>	<b>NRR</b>
<b>S. Singh Bajwa</b>	<b>NRR</b>
<b>Geoffrey Grant</b>	<b>NRC</b>
<b>Anton Vogel</b>	<b>NRC</b>
<b>Bruce Bartlett</b>	<b>NRC</b>
<b>Bill Schalk</b>	<b>AEP</b>
<b>Matt Galbraith</b>	<b>SB Tribune</b>
<b>Ron Gaston</b>	<b>AEP</b>
<b>Scot Greenlee</b>	<b>AEP</b>
<b>Chris Bakken</b>	<b>AEP</b>
<b>Mike Rencheck</b>	<b>AEP</b>

**Enclosure 1**