

August 12, 2002

Mr. A. C. Bakken III
Senior Vice President
Nuclear Generation Group
American Electric Power Company
500 Circle Drive
Buchanan MI 49107

SUBJECT: SUMMARY OF THE JULY 25, 2002, D. C. COOK PUBLIC MEETING

Dear Mr. Bakken:

On July 25, 2002, the Nuclear Regulatory Commission (NRC) held a public meeting at the NRC Region III office in Lisle, Illinois. The meeting was a Regulatory Conference to discuss a preliminary Yellow finding involving the essential service water debris intrusion event that occurred at the D.C. Cook Nuclear Power Plant on August 29, 2001. A Yellow finding is described as having substantial safety significance. 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.

Your Site Vice President opened the conference and remarked that the maintenance practices on the essential service water (ESW) pump discharge strainer basket that led to the event were unacceptable. However, your staff's internal evaluation concluded that the debris intrusion event was less significant than the preliminary Yellow level initially determined by the NRC.

Your Regulatory Affairs Manager provided an overview of the event, including the sequence of events, root and contributing causes, and corrective actions. Your System Engineering and Event Recovery Managers discussed a revised internal risk significance determination assessment of the finding. As a result of new information and considerations, your staff revised the overall probability scale used to characterize inputs to the assessment and the probability that sufficient debris was available in the forebay for ingestion into the essential service water system. Your staff also clarified their assumption that the operator recovery actions should be considered independent for each of the two units. Based upon these changes, your staff concluded that the core damage frequencies for both Units 1 and 2 and the change in large early release frequency for Unit 2 were below the greater-than-Green threshold. The change in large early release frequency for Unit 1 was determined to be marginally above the Green-to-White threshold. However, your staff stated that conservatisms regarding charging system unit cross tie capabilities and availability of 69 kV offsite power were not credited in your latest significance determination assessment.

Your Nuclear Technical Services Director summarized the presentation stating that the overall risk significance of the essential service water debris intrusion event was Green. Closing remarks were provided by you and your Site Vice President, when you reiterated that the significance of the debris intrusion event was not Yellow as preliminarily determined by NRC.

Sincerely,

/RA/

David Passehl, Acting Chief
Branch 6
Division of Reactor Projects

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

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

cc w/encl: J. Pollock, Site Vice President
M. Finissi, Plant Manager
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
July 25, 2002 Public Meeting
Essential Service Water Debris Intrusion Event of August 29, 2001**

Name	Organization
Jim Dyer	NRC
Geoffrey Grant	NRC
Anton Vogel	NRC
David Passehl	NRC
Singh Bajwa	NRC
Bill Borchardt	NRC
Sonia Burgess	NRC
Roy Caniano	NRC
James Caldwell	NRC
Cynthia Carpenter	NRC
Mike Cheok	NRC
Brent Clayton	NRC
Doug Coe	NRC
Joe Colaccino	NRC
Frank Congel	NRC
Kevin Coyne	NRC
Laura Dudes	NRC
Johnny Eads	NRC
E. Goldfeiz	NRC
Jennifer Dixon-Herrity	NRC
Steven Jones	NRC
Brian Kemker	NRC
Peter Koltay	NRC
Dan Merzke	NRC

Name	Organization
James Neurauter	NRC
Kenneth O'Brien	NRC
Dan O'Neal	NRC
John Stang	NRC
Marvin Sykes	NRC
Chris Bakken	AEP
Joe Pollock	AEP
Scot Greenlee	AEP
Gordon Arent	AEP
Bob Coward	AEP
Pam Cowan	AEP
John Giessner	AEP
Donald Hafer	AEP
J. T. Hawley	AEP
David Jenkins	AEP
William Schalk	AEP
Toby Woods	AEP
Vesna Dimitrijevic	Framatome
Dan Salter	HGP, Inc.
C. R. Grantom	STP
Thomas Poindexter	Winston & Strawn