

Mr. Robert P. Powers
 Senior Vice President
 Nuclear Generation Group
 Indiana Michigan Power Company
 500 Circle Drive
 Buchanan, MI 49107-1395

July 26, 1999

SUBJECT: SUMMARY OF THE JUNE 16, 1999, PUBLIC MEETING TO DISCUSS THE STATUS OF CORE OFFLOAD FOR THE DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2

Dear Mr. Powers:

On June 16, 1999, the U.S. Nuclear Regulatory Commission (NRC) held a public meeting at the Donald C. Cook Nuclear Plant (D.C. Cook) in Berrien County, Michigan to discuss the core offload for both units. Enclosure 1 is a list of attendees for the meeting, and a copy of the briefing sheets used by the licensee is provided as Enclosure 2.

The licensee presented an overview of the schedule for the Unit 2 core offload. Unit 2 is the lead unit for the offload. The proposed schedule showed that the unit would transition from Mode 5 into Mode 6 in early July 1999, with the offload completed by mid-July 1999. Unit 1 will follow as soon as the Unit 2 offload is completed.

The licensee provided a detailed summary of the analysis being performed prior to fuel movement. The analysis included control room dose from a fuel handling accident, the effects of lake water temperature, and the residual heat removal pump vibration issues. The licensee also stated that the Updated Final Safety Analysis Report would be reviewed to assure that the design basis and licensing basis for core offload were up-to-date and accurate. Finally, the licensee stated that all systems required for core offload operations would be in full compliance with the Technical Specifications.

Sincerely,

Original signed by:
 John F. Stang, Sr. Project Manager, Section 1
 Project Directorate III
 Division of Licensing Project Management
 Office of Nuclear Reactor Regulation

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

Enclosures: 1. List of Attendees
 2. Briefing Sheets
 cc w/encls: See next page

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RIII PRR
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COT T. Hiltz (TGH) RPZ
GEG RIII, DRS (2) JFS2

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 26, 1999

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Sincerely,

A handwritten signature in cursive script that reads "John F. Stang".

John F. Stang, Sr. Project Manager, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

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

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2. Briefing Sheets

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Robert P. Powers
Indiana Michigan Power Company

Donald C. Cook Nuclear Plant
Units 1 and 2

cc:

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Protection Division
Michigan Department of
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Indiana Michigan Power Company
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500 Circle Drive
Buchanan, MI 49107

Special Assistant to the Governor
Room 1 - State Capitol
Lansing, MI 48909

PUBLIC MEETING TO DISCUSS THE D.C. COOK CORE OFFLOAD ACTIVITIES

JUNE 16, 1999

ATTENDEES

<u>Name</u>	<u>Affiliation</u>
Cecil Thomas	NRC, Director, Project Directorate III, NRR
Bruce Bartlett	NRC, Senior Resident Inspector
John Stang	NRC
Claudia Craig	NRC, Chief, Section 1, Project Directorate III, NRR
Dave Kunsemiller	AEP, Director, Nuclear Regulatory Affairs
Scot Greenlee	AEP, Director, Design Engineering
George Honma	AEP
George Wadkins	NRAF
Terry Grebel	PG&E
Chris Bakken	AEP, Site Vice President
Rob Antonow	AEP
Don Hafer	AEP
Jim Raleigh	AEP

Enclosure 1

CORE OFFLOAD BRIEFING
June 16, 1999
Donald C. Cook Nuclear Plant

- 1. Introduction (Kunsemiller)**
- 2. Core Offload Schedule Overview (Antonow)**
- 3. Required Analyses/Operability Evaluations (Greenlee)**
 - **Control Room Dose Fuel Handling Accident Analysis**
 - Use of Core/Fuel Specific Source Terms
 - No Credit for Ventilation Filtration
 - **Lake Temperature Effects Analysis**
 - Control Room Temperatures
 - Spent Fuel Pool Cooling Capability/Dual Core Offload Heatup Calculations
 - **Residual Heat Removal Mode 6 Operability/Pump Vibration**
- 4. Potential Licensing Impacts Being Evaluated (Kunsemiller)**
 - **Source Range Neutron Monitoring Instrumentation Requirements**
 - UFSAR Change
 - **Spent Fuel Pool Systems Design**
 - **Safety Guide 13/Regulatory Guide 1.13**
 - Cooling and Cleanup
 - Makeup
 - Ventilation
 - **Amendment 169/152 Safety Evaluation Report**
 - **Refuelling Practices Survey**
 - **Resolution of Spent Fuel Pool Safety Issues and AEP Response**
 - **Fuel Handling Operations Requirements**
 - **LER 99-006, Impact on Fuel Racks from Dropped Loads**
 - **Maintenance of 23 Feet of Water Over Dropped Fuel**
 - **Movement of Multiple Fuel Assemblies**
 - **Spent Fuel Pool Ventilation Operability**
 - **LER 98-029, Radiation Monitoring and Ventilation System Response Time**

UNIT 2 OFFLOAD SCHEDULE

UNIT 2 LEVEL 1 OFFLOAD SCHEDULE							
VISION: A WORLD CLASS ACCOUNTABILITY BASED TEAM							
JUNE				JULY			
12	14	21	28	5	12	19	26

1
2
3
4
5
6
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8
9
10
11
12
13
14

15JUN99 29JUN99
 U2 OTHER PRE-DEFUEL WORK
 TF 50

30JUN99
 ENTER MODE 5B DESCENDING
 TF 133

30JUN99 6JUL99
 U2 MODE 5 TO 8
 TF -11

30JUN99 9JUL99
 U2 RX DISASSEMBLY
 TF 34

4JUL99
 SOURCE STRENGTH EVAL FOR FULL CORE OFFLOAD
 TF 25

5JUL99
 LAKE TEMP VS SFP COOLING ANALYSIS
 TF -11

5JUL99 6JUL99
 VERIFY MODE 6 PREREQUISITES COMPLETE
 TF -11

6JUL99
 U2 ENTER MODE 6
 TF -11

8JUL99 8JUL99
 START FILL U.2 REFUELING CAVITY
 TF -11

8JUL99 11JUL99
 2ND XFER U.1 RWST TO U.2 RWST
 TF -11

11JUL99 11JUL99
 COMPLETE FILL U.2 REFUELING CAVITY
 TF -11

11JUL99
 BEGIN CORE OFFLOAD
 TF -11

11JUL99 13JUL99
 UNIT 2 CORE OFFLOAD
 TF -11

13JUL99
 U2 CORE OFFLOAD COMPLETE
 TF -11

TOTAL P. 03

DATA DATE
 15JUN99

OUTAGE SCHEDULE DEVELOPMENT MATERIAL
 ** FOR INFORMATION ONLY **