



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

December 23, 1999

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

SUBJECT: ISSUANCE OF AMENDMENTS - DONALD C. COOK NUCLEAR PLANT, UNITS 1
AND 2 (TAC NOS. MA6473 AND MA6474)

Dear Mr. Powers:

The U.S. Nuclear Regulatory Commission (NRC) has issued the enclosed Amendment No. 236 to Facility Operating License No. DPR-58 and Amendment No. 218 to Facility Operating License No. DPR-74 for the Donald C. Cook Nuclear Plant, Units 1 and 2. The amendments would approve revisions to the Updated Final Safety Analysis Report (UFSAR) and Emergency Operating Procedures (EOPs) based on your analysis of an unreviewed safety question in response to your application dated September 17, 1999. By letter dated October 26, 1999, the NRC staff issued a request for additional information (RAI). By letters dated November 10, 1999, and November 19, 1999, the licensee responded to the RAI.

The proposed amendments would approve the licensee's use of methodology to credit the negative reactivity provided by insertion of the rod cluster control assemblies (RCCAs) into the reactor core following any design basis loss-of-coolant accident, during realignment from a cold leg recirculation to a hot leg recirculation configuration. This change to the licensing basis, when evaluated by the licensee in accordance with 10 CFR 59.59, resulted in an unreviewed safety question that requires prior approval by the NRC staff in accordance with the provisions of 10 CFR 50.90 prior to implementation. The proposed amendment also changes the Bases for TS Section 3/4.5.5, Refueling Water Storage Tank.

PDR ADOCK

DF01

December 28, 1999

A copy of our related safety evaluation is also enclosed. A Notice of Issuance will be included in the Commission's next biweekly *Federal Register* notice.

Sincerely,

/s/ Original signed by

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

Docket Nos. 50-315 and 50-316

- Enclosures: 1. Amendment No. 236 to DPR-58
- 2. Amendment No. 218 to DPR-74
- 3. Safety Evaluation

cc w/encls: See next page

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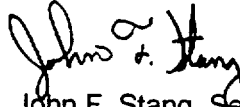
*See previous concurrence

OFFICE	PM:PDIII-1	C	LA:PDIII-1	C	OGC*	SC:PDIII-1	C
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OFFICIAL RECORD COPY

A copy of our related safety evaluation is also enclosed. A Notice of Issuance will be included in the Commission's next biweekly *Federal Register* notice.

Sincerely,

A handwritten signature in black ink, appearing to read "John F. Stang". The signature is written in a cursive style with a large initial "J" and "S".

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

Docket Nos. 50-315 and 50-316

Enclosures: 1. Amendment No. 236 to DPR-58
2. Amendment No. 218 to DPR-74
3. Safety Evaluation

cc w/encls: See next page

Donald C. Cook Nuclear Plant, Units 1 and 2

cc:

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, IL 60532-4351

Attorney General
Department of Attorney General
525 West Ottawa Street
Lansing, MI 48913

Township Supervisor
Lake Township Hall
P.O. Box 818
Bridgman, MI 49106

U.S. Nuclear Regulatory Commission
Resident Inspector's Office
7700 Red Arrow Highway
Stevensville, MI 49127

David W. Jenkins, Esquire
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

Mayor, City of Bridgman
P.O. Box 366
Bridgman, MI 49106

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

Drinking Water and Radiological
Protection Division
Michigan Department of
Environmental Quality
3423 N. Martin Luther King Jr Blvd
P.O. Box 30630, CPH Mailroom
Lansing, MI 48909-8130

Robert C. Godley
Director, Regulatory Affairs
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

David A. Lochbaum
Union of Concerned Scientists
1616 P Street NW, Suite 310
Washington, DC 20036-1495

A. Christopher Bakken, Site Vice President
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

Michael W. Rencheck
Vice President, Nuclear Engineering
Indiana Michigan Power Company
Nuclear Generation Group
500 Circle Drive
Buchanan, MI 49107