



50-315/316

UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

October 21, 1999

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

SUBJECT: DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2 - ISSUANCE OF
AMENDMENTS RE: POSITIVE REACTIVITY CHANGES (TAC NOS. MA5894
AND MA5895)

Dear Mr. Powers:

The U.S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 230 to Facility Operating License No. DPR-58 and Amendment No. 213 to Facility Operating License No. DPR-74 for the Donald C. Cook Nuclear Plant, Units 1 and 2. The amendments consist of changes to the Technical Specifications (TS) in response to your application dated May 21, 1999.

The amendments change the TS to allow reactor coolant system temperature changes in certain Mode 5 and 6 action statements if the shutdown margin is sufficient to accommodate the expected temperature change. In addition, footnotes regarding additions of water from the refueling water storage tank to the reactor coolant system are clarified and relocated to action statements. Additional actions are added in Table 3.3-1, "Reactor Trip System Instrumentation," when the required source range neutron flux channel is inoperable. Corresponding changes are proposed for the Bases for TS 3/4.1.1, "Boration Control," and TS 3/4.1.2, "Boration Systems." Administrative changes are proposed to improve clarity. Finally, additions are made to shutdown margin TS surveillance requirements to address use of a boron penalty (requirement for additional boron) during residual heat removal system operation in Modes 4 and 5.

Amendment No. 216 for Unit 1 and Amendment No. 200 for Unit 2 contain TS pages that are affected by the enclosed Amendment Nos. 230 and 213. Since Amendment Nos. 216 and 200 may not be implemented until December 31, 2000, the NRC is issuing two sets of TS pages with the enclosed amendments. The first set should be inserted when Amendment Nos. 230 and 213 are implemented. The second set replaces the Amendment Nos. 216 and 200 pages that are affected by Amendment Nos. 230 and 213 and should be inserted into Amendment Nos. 216 and 200.

Until Amendment Nos. 216/200 are fully implemented, you should submit two sets of TS pages for any pages affected in future amendments by the issuance of Amendment Nos. 216 and 200. The TS pages should reflect the conditions before and after full implementation of Amendment Nos. 216 and 200 so that the correct TS pages may be issued in any future

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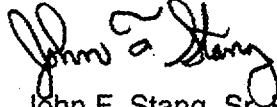
R.P. Powers

- 2 -

amendments. The NRC also requests that you submit a letter informing the staff when Amendment Nos. 216 and 200 are fully implemented.

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

Sincerely,



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

Enclosures: 1. Amendment No. 230 to DPR-58
 2. Amendment No. 213 to DPR-74
 3. Safety Evaluation

cc w/encs: See next page

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Original Signed By
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Division of Licensing Project Management
Office of Nuclear Reactor Regulation

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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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