

March 1, 2002

Mr. A. Christopher Bakken III, Senior Vice President  
and Chief Nuclear Officer  
Indiana Michigan Power Company  
Nuclear Generation Group  
500 Circle Drive  
Buchanan, MI 49107

SUBJECT: DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2 - REQUEST FOR  
ADDITIONAL INFORMATION, "PROPOSED ALTERNATIVES TO THE  
REQUIREMENTS OF SECTION XI OF THE AMERICAN SOCIETY OF  
MECHANICAL ENGINEERS CODE" (TAC NOS. MB3551 AND MB3552)

Dear Mr. Bakken:

By letter dated December 6, 2001, Indiana Michigan Power Company, pursuant to 10 CFR 50.55a(a)(3)(i) and 10 CFR 50.55a(a)(3)(ii) submitted two alternatives to the requirements of Section XI of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code).

The Nuclear Regulatory Commission (NRC) staff has reviewed your request and concluded that it does not provide technical information in sufficient detail to enable the staff to make an independent assessment regarding the acceptability of the proposal in terms of regulatory requirements and the protection of public health and safety.

Draft questions were discussed with Mr. J. Waters, et al., of your staff on February 20, 2002. A mutually agreeable target date of April 12, 2002, for your response was established. The NRC staff will continue review of your proposed alternatives when your response to the enclosed questions is received.

If circumstances result in the need to revise the target date, please contact me at (301) 415-1345 at the earliest opportunity.

Sincerely,

*/RA/*

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

Enclosure: Request for Additional Information

cc w/encl: See next page

Donald C. Cook Nuclear Plant, Units 1 and 2

cc:

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cc w/encl: See next page

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**REQUEST FOR ADDITIONAL INFORMATION**  
**DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2**  
**SUBMITTAL C1201-02 PROPOSED ALTERNATIVES TO THE REQUIREMENTS OF**  
**SECTION XI OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS CODE**  
**DATED DECEMBER 6, 2001**

Attachment 1 to C1201-02:

- 1) Para 4.0(b) - Define when it would be impractical to use ultrasonic methods.
- 2) Para 4.0(d) - Since the basis for the relief is designed around performing austenitic repairs, why was NB-5340, Magnetic Particle Acceptance Standards, referenced?
- 3) Para 4.0 (d) Explain why ultrasonic inspection acceptance standard Table IWB-3514-2 was used versus NB-5330 ultrasonic acceptance standards.

Attachment 2 to C1201-2:

- 1) Under proposed alternative, item 4, page 3, please explain how an unacceptable OD circumferential flaw above the attachment weld will be repaired.