

October 26, 1999

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RELATED TO LICENSE
AMENDMENT APPLICATION FOR DONALD C. COOK NUCLEAR PLANT,
UNITS 1 AND 2 (TAC NOS. MA6665 AND MA6666)

Dear Mr. Powers:

On September 23, 1999, you submitted a license amendment request related to the movement of steam generator sections in the auxiliary building for the Steam Generator Replacement Project. The Nuclear Regulatory Commission staff has performed an initial review of your application and has some questions (see enclosure).

The need to provide the additional information and the agreement of the D. C. Cook staff to comply with this request were discussed with members of your staff on October 20, 1999. A mutually agreed upon due date of November 8, 1999, was established with Mr. Robert Godley of your staff.

Sincerely,

/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

Enclosure: As stated

cc w/encl: See next page

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*See previous concurrence

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DATE	10/21/99		10/26/99		11/1/99		10/26/99		10/26/99	

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

October 26, 1999

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Sincerely,

A handwritten signature in cursive script, appearing to read "John F. Stang".

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: As stated

cc w/encl: See next page

Robert P. Powers
Indiana Michigan Power Company

Donald C. Cook Nuclear Plant
Units 1 and 2

cc:

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Resident Inspector's Office
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Nuclear Generation Group
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Buchanan, MI 49107

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

REQUEST FOR ADDITIONAL INFORMATION

RELATED TO

LICENSE AMENDMENT REQUEST FOR

DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2

Questions from:

Attachment 1 to C0999-10, p. 3

I) Consistency with Regulatory Guidelines

NUREG-0612

1. Safe Load Path

1. If a load drop occurs, what assurance is there that the load will not travel into the spent fuel pool (SFP)?
2. Describe the potential accident consequences of a load drop, including the release of radioactive material, damage to fuel, damage to the SFP (including the SFP cooling system) that could result in water leakage and uncover fuel in the spent fuel pool, and damage to safety-related equipment or equipment required for safe shutdown of the plant. Also address what measures are to be implemented by the licensee to mitigate the potential consequences of a dropped load.
3. What is the basis for the engineering judgment which assumes the integrity of the SFP would be maintained if a load drop occurred?
4. What is the basis for the conclusion that if a load drop occurs and affects equipment important to safety, the operating unit's safe shutdown and reactor decay heat removal requirements continue to be satisfied?

Questions From:

Attachment 1 to C0999-10, p. 7

III) Comparison of Proposed Unit 1 SG Load Handling to Previously Performed Unit 2 SGRP [Steam Generator Replacement Project] Load Handling

5. The proposed amendment does not request relief from Technical Specification 3.9.7, which states:

Loads in excess of 2,500 pounds shall be prohibited from travel over fuel assemblies in the storage pool. Loads carried over the spent fuel pool and the heights at which they may be carried over racks containing fuel shall be limited in such a way as to preclude impact energies over 24,240 in.-lbs., if the loads are dropped from the crane.

Due to the relative size of the steam generator upper and lower assemblies and associated clearances in the areas of the containment buildings 1 and 2 equipment hatches and the SFP, what assurance is there that no portion of the steam generators will pass over any part of the SFP?

Enclosure