



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

September 17, 2015

Mr. Lawrence J. Weber
Senior Vice President and
Chief Nuclear Officer
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

SUBJECT: DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2 – ACCEPTANCE OF
REQUESTED LICENSING ACTION RE: RELIEF REQUEST REL-PP1 (TAC
NOS. MF6548 AND MF6549)

Dear Mr. Weber:

By letter dated July 31, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15216A121), Indiana Michigan Power Company (I&M, the licensee) submitted, under Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.55a(z)(1), a request for approval of a proposed alternative for the Donald C. Cook Nuclear Plant, Units 1 and 2, Inservice Testing Program. The proposed alternative would allow measurement of axial vibration of boric acid pumps from the outboard motor bearing.

The U.S. Nuclear Regulatory Commission (NRC) staff requested supplemental information by letter dated September 2, 2015 (ADAMS Accession No. ML15239B033), to complete the acceptance review of the subject request. The licensee provided the requested supplemental information by letter dated September 11, 2015 (ADAMS Accession No. ML15258A024). In the supplement, the licensee stated that the alternative is now being requested under 10 CFR Section 50.55a(z)(2).

The purpose of this letter is to provide the results of the NRC staff's acceptance review of this request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Pursuant to 10 CFR Section 50.55a(z)(2), the applicant shall demonstrate that compliance with the specified requirements of Section 50.55a would result in hardship or unusual difficulty without a compensating increase in the level of quality and safety.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed alternative in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's

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ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301) 415-2846.

Sincerely,

A handwritten signature in black ink, appearing to read 'Allison W. Dietrich', written in a cursive style.

Allison W. Dietrich, Project Manager
Plant Licensing Branch 3-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-315 and 50-316

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ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301) 415-2846.

Sincerely,

/RA/

Allison W. Dietrich, Project Manager
Plant Licensing Branch 3-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-315 and 50-316

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