



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

January 22, 2018

**LICENSEE:** Indiana Michigan Power Company, LLC

**FACILITY:** Donald C. Cook Nuclear Plant, Unit No. 1

**SUBJECT:** SUMMARY OF JANUARY 11, 2018, MEETING WITH INDIANA MICHIGAN POWER COMPANY REGARDING DONALD C. COOK NUCLEAR PLANT, UNIT NO. 1 (EPID L-2017-LRM-0066)

On January 11, 2018, a Category I public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Indiana Michigan Power Company (the licensee) via teleconference. This meeting was open to members of the public. No regulatory decisions were made at this meeting.

The purpose of the meeting was to discuss a planned license amendment request (LAR) for Donald C. Cook Nuclear Plant (CNP), Unit No. 1. The licensee intends to submit a request to implement the leak-before-break (LBB) methodology for the Unit No. 1 reactor coolant system (RCS) auxiliary lines. The meeting notice and agenda, dated December 19, 2017, is available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML17353A702. A list of attendees is provided as Enclosure 1. The meeting handouts can be found at ADAMS Accession No. ML18018B139.

The licensee presented a historical overview of LBB, and the site-specific LBB methodology for RCS main loop piping for CNP, Unit No. 1. The licensee specified the RCS auxiliary lines the LAR would consider. This includes the 8" and 14" residual heat removal lines, the 10" accumulator lines, and the 6", 8", and 10" safety injection lines. The licensee also discussed the various reasons for submitting this proposed LAR. The NRC staff notes the following as a result of the licensee's presentation:

- The LAR should describe how the proposed piping meets all the requirements of NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants: LWR Edition," Section 3.6.3, Revision 1, "Leak-Before-Break Evaluation Procedures" (ADAMS Accession No. ML063600396).
- The LAR should also describe there is not an active degradation mechanism present.
- The licensee does not anticipate the proposed LAR changing any previous updated final safety analysis chapter 15 accident analysis.
- The licensee does not anticipate the proposed LAR changing any leakage detection system capabilities.

The licensee indicated that it would submit the LAR in February 2018, and request NRC approval by December 2018.

The public was invited to listen to the meeting and was given an opportunity to communicate with the NRC after the business portion, but before the meeting was adjourned. Members of the public were present and provided comments to the NRC staff.

Please direct any inquiries to me at 301-415-1530, or [Jennivine.Rankin@nrc.gov](mailto:Jennivine.Rankin@nrc.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Jennivine Rankin', with a stylized flourish at the end.

Jennivine Rankin, Project Manager  
Plant Licensing Branch III  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-315

Enclosure:  
List of Attendees

cc: Listserv

LIST OF ATTENDEES

JANUARY 11, 2018, PUBLIC MEETING WITH I&M

DONALD C. COOK NUCLEAR PLANT, UNIT NO. 1

PLANNED LICENSE AMENDMENT REQUEST REGARDING INCORPORATION OF  
LEAK-BEFORE-BREAK METHODOLOGY

<b>Name</b>	<b>Organization</b>
Jennivine Rankin	NRC – CNP Project Manager
John Tsao	NRC – Senior Materials Engineer, Division of Materials and License Renewal, Piping and Head Penetrations Branch
Gerard Purciarello	NRC – Senior Reactor Systems Engineer, Division of Safety Systems, Balance-of-Plant Branch
Robert Beaton	NRC – Reactor Systems Engineer, Division of Safety Systems, Reactor Systems Branch
David Alley	NRC – Branch Chief, Division of Materials and License Renewal, Piping and Head Penetrations Branch
Jeffrey Poehler	NRC – Senior Materials Engineer, Division of Materials and License Renewal, Vessels and Internals Branch
Mel Holmberg	NRC – Senior Reactor Inspector, Region III
Helen Levondosky	CNP Reg. Affairs Supervisor
Joe Tanko	CNP Reg. Affairs – Licensing Coordinator
Amanda Britton	CNP Design Engineering – Structural Supervisor
David Dolby	CNP – Project Manager
Pete Brusamonti	Westinghouse Project Manager
Eric Johnson	Westinghouse Engineer - Structural Design and Analysis
Marv Lewis	Public
John Barkhamer	PSEG

Enclosure

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POWER COMPANY REGARDING DONALD C. COOK NUCLEAR PLANT,  
UNIT NO. 1 (EPID L-2017-LRM-0066) DATED JANUARY 22, 2018

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NAME	JRankin	SRohrer	DWrona	JRankin
DATE	01/22/2018	01/22/2018	01/22/2018	01/22/2018

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