



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

September 21, 2022

Mr. Q. Shane Lies
Senior VP and Chief Nuclear Officer
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

**SUBJECT: DONALD C. COOK NUCLEAR GENERATING PLANT UNITS 1 AND 2—
NOTIFICATION OF POST-APPROVAL SITE INSPECTION FOR LICENSE
RENEWAL—PHASE IV; INSPECTION REPORT 05000315/2023010;
05000316/2023010 AND REQUEST FOR INFORMATION**

Dear Mr. Lies:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) Region III staff will perform a phase IV License Renewal Inspection at D.C. Cook Nuclear Plant from January 9, 2023 to January 13, 2023. The staff will conduct the inspection in accordance with NRC inspection procedure (IP) 71003, "Post Approval Site Inspection for License Renewal."

Previous inspection experience indicates this inspection will be resource intensive for both your staff and inspectors. To minimize impact to resources and ensure a productive inspection, we include with this letter a request for documents. Documentation identified in Section A is requested by October 31, 2022, to enable program review and sample selection. Section B identifies additional documents requested from your staff based on selections made by inspectors. Inspectors request current and complete documents as an aid towards inspection efficiency. See the table below for specific dates:

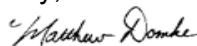
Requested Action:	Date:
Section A Information	October 31, 2022
Section B Information	November 21, 2022

We understand that our regulatory contact for this inspection will be Ms. K. Harper of your organization. If there are any questions about this inspection or the material requested, please contact inspector Matthew Domke at 630-829-9562 or Matthew.Domke@nrc.gov.

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, Control Number 3150-0011. The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget Control Number.

This letter and its enclosure will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations*, Part 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,



Signed by Domke, Matthew
on 09/21/22

Matthew Domke, Reactor Inspector
Engineering Branch 1
Division of Reactor Safety

Docket Nos. 50-315, 50-316
License Nos. DPR-58, DPR-74

Enclosure:
Document Request for License Renewal
Phase IV Inspection

cc: Distribution via LISTSERV®

Letter to Q. Shane Lies from Matthew Domke dated September 21, 2022.

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NOTIFICATION OF POST-APPROVAL SITE INSPECTION FOR LICENSE
RENEWAL—PHASE IV; INSPECTION REPORT 05000315/2023010;
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DONALD C. COOK NUCLEAR PLANT
License Renewal Phase IV
Inspection Information Request

Please provide the information requested in Section A to the U.S. Nuclear Regulatory Commission Region III office in care of the lead inspector by October 31, 2022, to facilitate the selection of specific structures, systems, and components that will be reviewed during the onsite inspection week. The information should be provided in electronic format.

By November 9, 2022, inspectors will select a sample of structures, systems, components using the information provided from Section A. Inspectors will request additional documents needed for onsite inspection week as described in Section B by November 21, 2022.

If there are any questions regarding this information request, please contact the lead inspector.

A. Information Requested to Facilitate AMP Sample Selection

Please provide the information requested below for each aging management program to the lead inspector by October 31, 2022.

- (1) Provide a list of all site aging management programs with program basis documents and administrative procedures describing key program attributes such as program objectives, scope, detection and monitoring methods, administrative controls, acceptance criteria, corrective actions, and scope expansion requirements.
- (2) Provide implementing procedures for program activities (e.g., nondestructive examination procedures, maintenance procedures, system walkdowns, etc.)
- (3) Provide corporate and/or site program documents/procedures related to overall aging management program.
- (4) Provide license renewal program administrative or program implementing procedure that describes responsibilities of program owners, processing of operating experience related to aging management, required training and qualifications for program owners and examination personnel, and any other license renewal administrative controls.
- (5) Provide current operating experience, corrective action program, and self-assessment administrative procedures. Additionally, please include administrative procedures for changing commitments and revising license basis documents.
- (6) Provide list of commitment changes incorporated into aging management programs during the period of extended operation.
- (7) Provide a list of all newly identified structures, systems, components incorporated into aging management programs since entering the period of extended operation.
- (8) Provide a list of corrective action documents associated with implementation of aging management programs. This includes aging effects identified during the implementation of license renewal activities and programmatic deficiencies during the period of extended operation.

Enclosure

- (9) Provide descriptions when aging management program examination scope expansions or additional inspections occurred based on initial examination results. Please include process descriptions for scope expansions whenever applicable.
- (10) Provide evaluations performed during the period of extended operation for external and internal operating experience associated with license renewal.
- (11) Provide any self-assessments related to license renewal program implementation after entering the period of extended operation.
- (12) Provide any evaluations or responses performed to assess the differences between aging management programs and recommendations in the latest revision of NUREG-1801, "Generic Aging Lessons Learned (GALL)," and subsequent NRC interim staff guidance or generic communications.
- (13) Provide copies the Updated Final Safety Analysis Report changes related to license renewal, include the change notices and Title 10 of the *Code of Federal Regulations* 50.59 related documentation.

B. Information Requested for Each AMP Selected for Review (As Applicable)

Inspectors will sample structures, systems, components using information provided in response to Section A. Please provide the information requested below to the lead inspector by November 21, 2023.

For all aging management programs selected, except where the results of one-time inspections concluded that no follow-up actions were required during the period of extended operation, provide the following for review:

- (1) A walkdown schedule for all structures and components selected that are readily accessible during the onsite inspection period.
- (2) Provide scope and frequency of activities (i.e., inspection, sampling, testing, etc.) used to manage the aging of the item during the period of extended operation.
- (3) Provide completed work orders for the most recent aging management activities performed, including associated inspection and testing reports. This request is limited to work performed during the period of extended operation or the last two inspections, whichever is greater. If more than 10 work orders exist, please provide a list of those work orders with descriptions.
- (4) Provide specific evaluations for monitoring and trending known aging effects associated with program selections
- (5) Provide descriptions of instances when examinations of structures, systems, components were eliminated or deferred or changed.
- (6) Provide description of instances when examination scope changes of structures, systems, components were required based on limitations encountered during the examination process.

- (7) Provide descriptions of age-related issues documented in the corrective action program during the period of extended operation. For example, provide a list of corrective actions based on queries using keywords like crack, corrosion, wear, thinning, leakage, through wall, rust.
- (8) Provide a summary document listing which implementing procedures are included in the selected aging management program and what are their required performance frequency.
- (9) Provide license renewal scoping drawings showing the structures, systems, components within the scope of the selected aging management program.