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Indiana Michigan Power  
Cook Nuclear Plant  
One Cook Place  
Bridgman, MI 49106  
IndianaMichiganPower.com

January 29, 2020

AEP-NRC-2020-08  
10 CFR 50.55a

Docket Nos.: 50-316

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Donald C. Cook Nuclear Plant Unit 2  
Form OAR-1, Owner's Activity Report

This letter provides a copy of Form OAR-1, Owner's Activity Report, for Inservice Inspection activities performed at Donald C. Cook Nuclear Plant Unit 2 through the completion of the Unit 2 Cycle 25 Refueling Outage. This report meets the requirements of the American Society of Mechanical Engineers (ASME) Code Case N-532-5, "Repair/Replacement Activity Documentation Requirements and Inservice Inspection Summary Report Preparation and Submission Section XI, Division 1." This code case is used as an alternative to the requirements of the ASME Boiler and Pressure Vessel Code, Section XI, Article IWA-6000, as specified in Regulatory Guide 1.147, "Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1," Revision 18, for the current inspection interval.

The Authorized Code Inspection Company is OneCIS Insurance Co., of Lynn, Massachusetts. The Authorized Nuclear Inservice Inspector is Thomas C. Janoch.

There are no new or revised commitments in this letter. Should you have any questions, please contact Mr. Michael K. Scarpello, Director of Regulatory Affairs, at (269) 466-2649.

Sincerely,

Michael K. Scarpello  
Director of Regulatory Affairs

DLW/ml

Enclosure: Form OAR-1, Owner's Activity Report for Donald C. Cook Nuclear Plant Unit 2 Cycle 25 Refueling Outage

AD47  
NRR

c: R. J. Ancona – MPSC  
R. F. Kuntz, NRC Washington D.C.  
EGLE – RMD/RPS  
NRC Resident Inspector  
D. J. Roberts, NRC Region III  
A. J. Williamson – AEP Ft. Wayne, w/o enclosures

**Enclosure 1 to AEP-NRC-2020-08**

Form OAR-1, Owner's Activity Report for Donald C. Cook Nuclear Plant  
Unit 2 Cycle 25 Refueling Outage

**D. C. Cook Nuclear Unit 2**  
**FORM OAR-1 OWNER'S ACTIVITY REPORT**

Report Number 2-2019-4-3-02

Plant Donald C. Cook Nuclear Plant, One Cook Place, Bridgman, Michigan 49106

Unit No. 2 Commercial service date 7/1/1978 Refueling outage no. U2C25  
(if applicable)

Current inspection interval 4th for Components and Supports (C&S) and 2nd for Containment ISI (CISI) Program  
(1st, 2nd, 3rd, 4th, other)

Current inspection period 3rd for C&S and 3rd for CISI  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2004 Edition/No Addenda

Date and revision of inspection plans 8/6/2019 Revision 10 for C&S; and 1/17/2019 Revision 7 for CISI

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans \_\_\_\_\_  
Edition and Addenda are the same as the Inspection Plans

Code Cases used for inspection and evaluation: N-566-2, N-648-1 and N-722-1 for C&S  
(If applicable, including cases modified by Case N-532 and later revisions)

**CERTIFICATE OF CONFORMANCE**

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion U2C25 conform to the requirements of Section XI.  
(refueling outage number)

Signed Walter M. Chatham, ISI Program Owner Date 1/16/2020  
Owners or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by OneCIS Insurance Co of Lynn, MA have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

  
Inspector's Signature

Commissions 9038 I  
National Board Number and Endorsement

Date 01-16-2020

**D. C. Cook Nuclear Unit 2**

**Table 1**

**Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service**

Examination Category and Item Number	Item Description	Evaluation Description
None	None	None

**D. C. Cook Nuclear Unit 2**

**Table 2**

**Abstract of Repair/replacement Activities Required for Continued Service**

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
2	2-GRH-L808	Repair/Restore Piping Support	10/18/2019	55516964-01