



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

August 1, 2019

AEP-NRC-2019-35
10 CFR 50.55a

Docket Nos.: 50-315

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

Donald C. Cook Nuclear Plant Unit 1
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 1 through the completion of the Unit 1 Cycle 29 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 approved by 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 Timothy H. Merchant.

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

MBE/ml

Enclosure: Form OAR-1, Owner's Activity Report for Donald C. Cook Nuclear Plant Unit 1 Cycle 29 Refueling Outage

A047
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-2019-35

Form OAR-1, Owner's Activity Report for Donald C. Cook Nuclear Plant
Unit 1 Cycle 29 Refueling Outage

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

Report Number 1-2019-4-3-02

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

Unit No. 1 Commercial service date 8/23/1975 Refueling outage no. U1C29
(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 12/20/2018 Rev 9 for C&S, 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 and N-722-1 for C&S, N-649 for CISI
(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 of U1C29 conform to the requirements of Section XI.
(refueling outage number)

Signed Walter B. Chatterton, ISI Program Owner Date 7/16/2019
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.

Timothy Merchant Commissions 14388 "I"
Inspector's Signature National Board Number and Endorsement

Date 7-16-2019

D. C. Cook Nuclear Unit 1

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 1

Table 2

Abstract of Repair/replacement Activities Required for Continued Service

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
1	Examination Category: B-N-3 Item No.: B13.70 Parts Examined: Core Support Structure	Replace 188 Baffle Former Bolts	4/14/2019	55501078-18
2	1-CS-438-3	Replace piping with rejectable indications	4/20/2019	55531336-06
3	1-HV-AFP-T2AC	Replace room cooler due to tube leak	4/19/2019	55531390-01
3	1-QFA-240-OR	Replace piping with rejectable indications	4/12/2019	55530303-02
MC	1-AIRLOCK-C650	Replace one bolt for equipment hatch	4/23/2019	55508600-04
MC	1-CPN-80	Replace blind flange bolting	4/7/2019	55510711-16
MC	1-CPN-57	Replace blind flange bolting	4/7/2019	55510711-17
MC	1-CPN-83	Replace swing bolt	4/22/2019	55530779-01