



A unit of American Electric Power

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

July 21, 2015

AEP-NRC-2015-65
10 CFR 50.55a

Docket No.: 50-316

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 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 22 refueling outage. This report meets the requirements of the American Society of Mechanical Engineers (ASME) Code Case N-532-4, "Repair/Replacement Activity Documentation Requirements and Inservice 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 17, for the current inspection interval.

The Authorized Code Inspection Company is OneCIS Insurance Co., of Lynn, Massachusetts. The Authorized Nuclear Inspector is Reuel Schenck.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Q. Shane Lies".

Q. Shane Lies
Engineering Vice President

RAW/rdw

Enclosure: Form OAR-1, Owner's Activity Report for the Donald C. Cook Nuclear Plant Unit 2
Cycle 22 Refueling Outage

AO47
NRR

c: A. W. Dietrich – NRC Washington DC
 C. D. Pederson – NRC Region III
 J. T. King – MPSC, w/o enclosure
 MDEQ – RMD/RPS, w/o enclosure
 NRC Resident Inspector
 A. J. Williamson – AEP Ft. Wayne, w/o enclosure

ENCLOSURE TO AEP-NRC-2015-65

FORM OAR-1, OWNER'S ACTIVITY REPORT FOR THE DONALD C. COOK NUCLEAR
PLANT UNIT 2 CYCLE 22 REFUELING OUTAGE

D. C. Cook Nuclear Unit 2
Form OAR-1 Owner's Activity Report

Report Number	<u>2-2015-4-2-02</u>		
Plant	<u>Donald C Cook Nuclear Plant, One Cook Place, Bridgman, Michigan 49106</u> (Name and Address of Plant)		
Unit No.	<u>2</u> (if applicable)	Commercial Service Date	<u>7/1/1978</u> Refueling Outage No. <u>U2C22</u>
Current Inspection Interval	<u>4th for Components and Supports (C&S) and 2nd for Containment ISI (CISI) Program</u> (1st, 2nd, 3rd, 4th, other)		
Current Inspection Period	<u>2nd for C&S and 2nd for CISI</u> (1st, 2nd, 3rd)		
Edition and Addenda of Section XI applicable to the inspection plans		<u>2004 Edition/No Addenda</u>	
Date and Revision of inspection plans		<u>6/17/2014; Revision 4 for C&S, and 4/8/2014, Revision 3 for CISI</u>	
Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans			
<u>Edition and Addenda are the same as the Inspection Plans</u>			
Code Case used:	<u>N-526, N-566-2, N-624, N-716, N-722-1, for C&S and N-649 for CISI</u> (If applicable)		

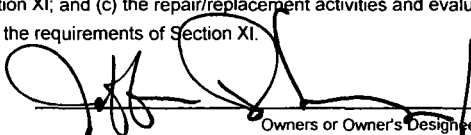
CERTIFICATE OF CONFORMANCE

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
conform to the requirements of Section XI.

U2C22

(Refueling Outage Number)

Signed

 Supervisor
Owners or Owner's Designee, Title

Date

6/9/2015

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by One CIS 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 Michigan 300959, NB 11412, Endorsements: A, N, I, NS, IS, & B

National Board, State, Province, and Endorsements

Date

06-09-2015

D. C. Cook Nuclear Unit 2

Table 1

Items with flaws or relevant conditions that
required evaluation for continued service

Examination Category	Item Number	Item Description	Evaluation Description
F-A	F1.30WS	2-GCCW-S843, Snubber with extension arm piece	The extension piece for snubber 2-GCCW-S843 has a coupler in the middle and the two pieces of the extension piece have a slight bend/skew angle (approximately 5 degrees) between them. This slight bend is not reflected in the design drawing; hence the discrepancy is that the installed support configuration does not match the design drawing. Acceptable.

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 Complete	Repair/Replacement Plan Number
2	Piping Isometric 2-NSW-110 Sheet 2	Weld repair of localized thinning	4/4/15	Work Order Task 55459585-11