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

July 1, 2010

AEP-NRC-2010-56
10 CFR 50.55a

Docket No.: 50-315

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

Donald C. Cook Nuclear Plant Unit 1
OWNER'S ACTIVITY REPORT FOR INSERVICE INSPECTION ACTIVITIES

This letter provides Form OAR-1, Owner's Activity Report, for inservice inspection activities performed at Donald C. Cook Nuclear Plant Unit 1, National Board State of Michigan Number 20761 (Mich. M-096762-M), located in Bridgman, Michigan, for the period of April 29, 2008 to April 9, 2010. The plant is owned by Indiana Michigan Power Company, P.O. Box 60, Fort Wayne, Indiana, 46801. This summary report satisfies the reporting requirements described in 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.

The Authorized Code Inspector is Mr. R. K. Schenck, who is employed by One CIS Insurance Co., of Boston, Massachusetts.

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,

Michael H. Carlson
Vice President – Site Support Services

MCS/jmr

Attachment: D.C. Cook Nuclear Plant, Form OAR-1 Owner's Activity Report

A047
NRR

c: R. Aben - DLEG/BCCFS/BD
K. D. Curry - AEP Ft. Wayne, w/o attachment
J. T. King - MPSC, w/o attachment
MDEQ - WHMD/RPS, w/o attachment
NRC Resident Inspector
M. A. Satorius - NRC Region III
P.S. Tam - NRC Washington DC

bc: M. H. Carlson
J. M. Fitchuk
J. P. Gebbie
C. R. Lane
Q. S. Lies
J. E. Newmiller
J. M. Petro, Jr.
R. G. Pickard
L. J. Weber

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

Report Number	<u>1-2010-3-3-02</u>		
Plant	<u>Donald C. Cook</u> <small>(Name and Address of Plant)</small>		
Unit No. <u>1</u> <small>(if applicable)</small>	Commercial Service Date	<u>8/23/1975</u>	Refueling Outage No. <u>U1C23</u>
Current Inspection Interval	<u>3rd for Components and ^{SUPPORTS} (C&S) and 2nd for Containment ISI (CISI) Program</u> <u>RKS RSH 6/23/2010</u> <small>(1st, 2nd, 3rd, 4th, other)</small>		
Current Inspection Period	<u>3rd for C&S and 1st for CISI</u> <small>(1st, 2nd, 3rd)</small>		
Edition and Addenda of Section XI applicable to the inspection plans	<u>1989 Edition/No Addenda for C&S</u> <u>2004 Edition for CISI</u>		
Date and Revision of inspection plans	<u>2/19/2010, Revision 8 for C&S</u> <u>11/10/2009, Revision 0 for 2nd CISI Interval</u>		
Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans			
Edition and Addenda is the same as the inspection plans			
Code Cases used:	<u>N-307-3, N-416-1, N-481, N-491-2, N-498-4, N-509, N-521, N-524, N-532-4, N-533, N-616, N-623, N-627, N-652-1, N-706, N-716, N-722, N-729-1 for C&S and N-649 for CISI</u> <small>(If applicable)</small>		

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 U1C23 conform to the requirements of Section XI. (Refueling Outage Number)

Signed Roy E. Hall, ISI PROGRAM MANAGER for P.G. PICKARD Date 6/17/2010
Owners or Owner's Designee, Title ISI PROGRAMS MANAGER

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 Boston, 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.

Rene K. Schenck
Inspector's Signature
6-17-2010
Date

Commissions Michigan 300959, NB 11412, Endorsements; A, N & I
National Board, State, Province, and Endorsements

D.C. Cook Nuclear Plant**Table 1****Items with flaws or relevant conditions that
required evaluation for continued service**

Examination Category	Item Number	Item Description	Evaluation Description
B-N-2	B13.60	Interior Attachments Beyond Beltline Region	AR 2010-1804-18, Unit 1 Reactor Vessel Core Support Lug Bolting Anomalies
F-A	F1.10A	Class 1 Piping Supports	1-GCS-R-540 AWAY# 2010-0733, Identified discrepancies during visual examination
F-A	F1.30A	Class 3 Piping Supports	1-GCCW-R-60 eSAT# 10042044, Identified discrepancies during visual examination
F-A	F1.30A	Class 3 Piping Supports	1-GCCW-R-22 eSAT# 10042048, Identified discrepancies during visual examination
F-A	F1.30A	Class 3 Piping Supports	1-GCCW-L-236 eSAT# 10013050, Identified discrepancies during visual examination
F-A	F1.30A	Class 3 Piping Supports	1-GFW-R-179 eSAT# 10013056, Identified discrepancies during visual examination
F-A	F1.30VB	Class 3 Piping Supports	1-AFW-L-915, AR 00861050-01, NCE for broken lug on piping, found outside normal ISI examination

D.C. Cook Nuclear Plant

Table 2

Abstract of repair/replacement activities required for continued service

Code Class	Item Description	Description of Work	Date Complete	Repair / Replacement Plan Number
1	Class 1 Piping Support	Replace Bolt	3/21/2010	55359762-01