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A unit of American Electric Power

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

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AEP:NRC:6691

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U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

**Donald C. Cook Nuclear Plant Units 1 and 2
STEAM GENERATOR TUBE INSPECTION REPORT**

Technical Specification 5.6.7 of Appendix A to the Donald C. Cook Nuclear Plant Unit 1 and Unit 2 Operating Licenses requires that complete results of the steam generator tube inservice inspection be submitted to the Nuclear Regulatory Commission for the inspection that was completed in the previous calendar year. Consistent with this requirement, a copy of the 2005 Steam Generator Tube Inspection Results are attached.

This letter contains no new commitments. Should you have any questions, please contact Mr. Michael K. Scarpello, Regulatory Affairs Supervisor, at (269) 466-2649.

Sincerely,

Joseph N. Jensen
Site Vice President

DB/rdw

Attachment

A047

c: J. L. Caldwell, NRC Region III
K. D. Curry, Ft. Wayne AEP, w/o attachment
J. T. King, MPSC, w/o attachment
MDEQ – WHMD/RPMWS, w/o attachment
NRC Resident Inspector
P. S. Tam, NRC Washington, DC

ATTACHMENT TO AEP:NRC:6691

2005 STEAM GENERATOR TUBE INSERVICE INSPECTION REPORT

Unit 1:

There were no inservice eddy current inspections conducted on the Unit 1 steam generator tubing in 2005. The last inspection occurred in 2003 as reported in the 2003 annual report submittal, dated March 1, 2004. The Unit 1 steam generator inspection interval is governed by the provisions of Technical Specification 5.5.7. This specification allows an inspection interval of up to 40 calendar months, once two consecutive inspections have yielded degradation category C-1 results. Based upon the results of the 2003 inspection and the previous inspection which was conducted in 2002, the Unit 1 steam generators will next be inspected in the fall of 2006.

Unit 2:

There were no inservice eddy current inspections conducted on the Unit 2 steam generator tubing in 2005. The last inspection occurred in 2004 as reported in the 2004 annual report submittal, dated February 25, 2005. Based upon the favorable results of that inspection and in accordance with the provisions of Technical Specification 5.5.7, similar to that noted above, the Unit 2 steam generators continue to be on an inspection interval of up to 40 calendar months. As such, the Unit 2 steam generators will next be inspected in the fall of 2007.