



July 3, 2002

AEP:NRC:2054-04  
10 CFR 50.54(f)

Docket No: 50-315

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Stop O-P1-17  
Washington, DC 20555-001

Donald C. Cook Nuclear Plant Unit 1  
NUCLEAR REGULATORY COMMISSION BULLETIN 2001-01  
CIRCUMFERENTIAL CRACKING OF REACTOR PRESSURE VESSEL  
HEAD PENETRATION NOZZLES  
THIRTY-DAY RESPONSE (TAC NO. MB2625)

- References:
1. NRC Bulletin 2001-01 "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles," dated August 3, 2001
  2. Letter from Michael W. Rencheck, Indiana Michigan Power Company, to Nuclear Regulatory Commission Document Control Desk, "Donald C. Cook Nuclear Plant Unit 1 Additional Information Requested by Nuclear Regulatory Commission Bulletin 2001-01 (TAC NOS. MB2624 and MB2625)," submittal AEP:NRC:2054, dated March 28, 2002
  3. Letter from J. E. Pollock, Indiana Michigan Power Company, to Nuclear Regulatory Commission Document Control Desk, "Donald C. Cook Nuclear Plant Unit 1, Response to Nuclear Regulatory Commission Bulletin 2002-01 Reactor Pressure Vessel Head Degradation and Reactor Coolant Pressure Boundary Integrity," submittal AEP:NRC:2054-03, dated July 3, 2002

A088

This letter provides information pertaining to reactor vessel head penetration (VHP) examinations performed at Donald C. Cook Nuclear Plant Unit 1 during the May 3 to June 9, 2002, Cycle 18 refueling outage. This information was requested in Reference 1.

Item 5 of the requested information section of Reference 1 requested addresses to provide certain information within 30 days after plant restart following the next refueling outage. Indiana Michigan Power Company (I&M) provided the results of the Unit 2 VHP inspection in Reference 2. The following provides the results of the Unit 1 VHP inspection.

Information Requested

- a. *a description of the extent of VHP nozzle leakage and cracking detected at your plant including the number, location, size, and nature of each crack detected.*

I&M Response

Examinations conducted during the May 3 to June 9, 2002, Cycle 18 refueling outage identified no nozzle leakage and no cracks during the performance of non-destructive testing.

Information Requested

- b. *if cracking is identified, a description of the inspections (type, scope, qualification requirements, and acceptance criteria), repairs, and other corrective actions you have taken to satisfy applicable regulatory requirements. This information is requested only if there are any changes from prior information submitted in accordance with this bulletin.*

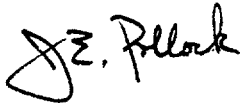
I&M Response

This item is not applicable to Unit 1 as no cracking was identified.

A detailed report for the reactor vessel head inspection is contained in reference 3.

This letter contains no new commitments. Should you have any questions, please contact Mr. Gordon P. Arent, Manager of Regulatory Affairs, at (616) 697-5553.

Sincerely,

A handwritten signature in black ink, appearing to read "J. E. Pollock". The signature is stylized with a large, looped initial "J" and a cursive "E".

J. E. Pollock  
Site Vice President

RV/bjb

c: K. D. Curry  
J. E. Dyer  
MDEQ - DW & RPD  
NRC Resident Inspector  
R. Whale

**AFFIRMATION**

I, Joseph E. Pollock, being duly sworn, state that I am Vice President of Indiana Michigan Power Company (I&M), that I am authorized to sign and file this request with the Nuclear Regulatory Commission on behalf of I&M, and that the statements made and the matters set forth herein pertaining to I&M are true and correct to the best of my knowledge, information, and belief.

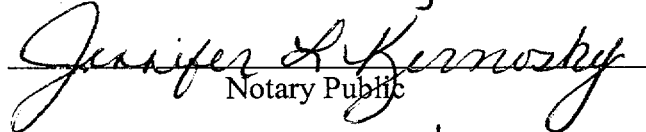
Indiana Michigan Power Company



J. E. Pollock  
Site Vice President

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 3 DAY OF July, 2002

  
Notary Public

My Commission Expires 5/24/05

bc: G. P. Arent  
G. F. Borlodon/C. R. Lane/R. E. Hall  
P. B. Cowan  
D. J. Garner  
R. W. Gaston  
S. A. Greenlee  
S. B. Haggerty  
D. W. Jenkins  
J. A. Kobyra  
J. E. Pollock  
J. F. Stang, Jr. - NRC Washington, DC  
T. R. Stephens