FENOC
FirstEnergy Nuclear Operating Company

Beaver Valley Power Station
P.O. Box 4
Shippingport, PA 15077-0004

L. William Pearce
Vice President

724-682-5234
Fax: 724-643-8069

October 31, 2005
L-05-164

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

Subject: Beaver Valley Power Station, Unit No. 1
Docket No. 50-334, License No. DPR-66
Proposed Alternative to American Society of Mechanical Engineers Code Section XI Visual Examination Requirements Associated With Third Ten-Year Interval Inservice Inspection Program
(Request No. BV3-IWE1-4)

Approval to perform an alternative visual examination for the Beaver Valley Power Station (BVPS) Unit No. 1 third ten-year interval inservice inspection program was requested in a July 27, 2005 letter (number L-05-127) to the NRC. Additional information regarding the examination and test sequence related to the subject proposed alternative visual examination requirements was requested in an October 24, 2005 telephone call from Mr. Tim Colburn, NRC Project Manager for Beaver Valley Power Station (BVPS).

Enclosure 1 provides the requested information. Regulatory commitments are listed in Enclosure 2 of this submittal. If there are any questions concerning this matter, please contact Mr. Gregory A. Dunn, Manager, Fleet Licensing at 330-315-7243.

Sincerely,

Thomas S Cosgrove for
Thomas S Cosgrove
L. William Pearce

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Enclosures:

1. Examination and Test Sequence
2. Commitments

c: Mr. T. G. Colburn, NRR Senior Project Manager
Mr. P. C. Cataldo, NRC Senior Resident Inspector
Mr. S. J. Collins, NRC Region I Administrator
Mr. D. A. Allard, Director BRP/DEP
Mr. L. E. Ryan (BRP/DEP)

ENCLOSURE 1
L-05-164

EXAMINATION AND TEST SEQUENCE

A summary list of examinations and tests to be performed for containment liner restoration welds is provided below. Examinations and tests listed in Items 1 through 4 will be performed to verify the integrity of the welds prior to restoration of concrete on the containment liner exterior surface and subsequent pressure testing.

Planned In-Process Examination and Testing Sequence

1. Perform Visual (VT) examinations and either Magnetic Particle (MT) or Dye Penetrant (PT) testing of the completed steel liner plate weld and attachment welds.
2. Perform spot Radiographic Testing (RT) examination of the completed full penetration steel liner plate weld.
3. Perform Vacuum-Box testing of the completed full penetration steel liner plate weld.
4. Perform VT-1 examinations of the welds and surrounding areas of the restored containment liner plate interior and exterior surfaces.
5. Perform a General Visual or a VT-3 examination of the inside surface of the containment liner plate after coatings are applied.
6. Perform 10 CFR 50 Appendix J, Type A pneumatic leakage test of the containment pressure retaining boundary after restored reinforced concrete has attained proper strength.

ENCLOSURE 2
L-05-164

COMMITMENTS

The following list identifies those actions committed to by FirstEnergy Nuclear Operating Company (FENOC) for Beaver Valley Power Station (BVPS) Unit No. 1 in this document. Any other actions discussed in the submittal represent intended or planned actions by FENOC. These other actions are described only as information and are not regulatory commitments. Please notify Mr. Gregory A. Dunn, Manager, Fleet Licensing at 330-315-7243 of any questions regarding this document or associated regulatory commitments.

Commitment	Implementation Date
1. Perform Visual (VT) examinations and either Magnetic Particle (MT) or Dye Penetrant (PT) testing of the completed steel liner plate weld and attachment welds.	Items 1 through 4 are to be implemented as described during the BVPS Unit No. 1 maintenance and refueling outage scheduled for February 2006 and prior to restoration of concrete on the containment liner exterior surface and subsequent pressure testing.
2. Perform spot Radiographic Testing (RT) examination of the completed full penetration steel liner plate weld.	
3. Perform Vacuum-Box testing of the completed full penetration steel liner plate weld.	
4. Perform VT-1 examinations of the welds and surrounding areas of the restored containment liner plate interior and exterior surfaces.	
5. Perform a General Visual or a VT-3 examination of the inside surface of the containment liner plate after coatings are applied.	Items 5 and 6 are to be implemented as described during the BVPS Unit No. 1 maintenance and refueling outage scheduled for February 2006 and prior to start-up from the outage.
6. Perform 10 CFR 50 Appendix J, Type A pneumatic leakage test of the containment pressure retaining boundary after restored reinforced concrete has attained proper strength.	