

February 8, 2002

Mr. L. W. Myers  
Senior Vice President  
FirstEnergy Nuclear Operating Company  
Beaver Valley Power Station  
Post Office Box 4  
Shippingport, PA 15077

SUBJECT: BEAVER VALLEY POWER STATION, UNIT NO. 2 (BVPS-2) - UPCOMING  
STEAM GENERATOR TUBE INSERVICE INSPECTION (TAC NO. MB3906)

Dear Mr. Myers:

Inservice inspections of steam generator (SG) tubes play a vital role in assuring that adequate structural integrity of the tubes is maintained. As required by the plant Technical Specifications (TSs), reporting requirements range from submitting a special report, within 15 days following completion of each inservice inspection of SG tubes, that identifies the number of tubes plugged and/or repaired; to submitting a special report, within 12 months following completion of the inspection, that provides complete results of the SG tube inservice inspection. The special report containing the complete results shall include the following:

1. Number and extent of tubes inspected.
2. Location and percent of wall-thickness penetration for each indication of an imperfection.
3. Identification of tubes plugged and/or repaired.

A phone conference has been arranged with members of your staff to discuss the ongoing results of the SG tube inspections to be conducted during the upcoming BVPS-2 refueling outage. It was agreed with your staff that this phone call would occur after the majority of the tubes have been inspected, but before the SG inspection activities have been completed. Enclosed is a list of discussion points to facilitate this phone conference.

The staff plans to document a brief summary of the conference call as well as any material that you may have provided to the staff in support of the call.

L. Myers

- 2 -

Please contact me if you have any questions or suggestions regarding this issue. Thank you for your support in this area.

Sincerely,

**/RA/**

Daniel S. Collins, Project Manager, Section 1  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-412

Enclosure: List of Discussion Points

cc w/encl: See next page

L. Myers

- 2 -

Please contact me if you have any questions or suggestions regarding this issue. Thank you for your support in this area.

Sincerely,

**/RA/**

Daniel S. Collins, Project Manager, Section 1  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-412

Enclosure: List of Discussion Points

cc w/encl: See next page

DISTRIBUTION:

PUBLIC	PDI-1 R/F	DKern, R-I	JRogge, R-I	OGC
EAdensam	ACRS	ALLund	BPlatchek, R-I	
JMunday	RHaag	DCollins	MO'Brien	
KKarwoski				

Accession No. ML020350103 \*See previous concurrence

OFFICE	PDI-1/PM	PDI-2/LA	EMCB/SC	PDI-1/(A)SC
NAME	DCollins	MO'Brien	ALLund*	JMunday
DATE	2/7/02	2/7/02	02/07/02	2/7/02

OFFICIAL RECORD COPY

STEAM GENERATOR TUBE INSPECTION DISCUSSION POINTS  
PREPARED BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
FIRSTENERGY NUCLEAR OPERATING COMPANY, ET AL.,  
BEAVER VALLEY POWER STATION, UNIT NO. 2 (BVPS-2)  
DOCKET NO. 50-412

A phone call between the NRC and the licensee's staff has been scheduled to occur towards the end of the planned BVPS-2 Steam Generator (SG) tube inspection interval, but before BVPS-2 exits its refueling outage. The following discussion points have been prepared to facilitate the phone conference and to discuss the available results of the SG tube inspections. The NRC staff plans to document a brief summary of the conference call as well as any material that you may have provided to the staff in support of the call.

1. Discuss whether any primary-to-secondary leakage existed in this unit prior to shutdown.
2. Discuss the results of secondary side hydrostatic tests.
3. For each SG, provide a general description of areas examined, including the expansion criteria utilized and type of probe used in each area.
4. For analyzed eddy current results, describe bobbin indications (those not examined with rotating pancake coil (RPC)) and RPC/Plus Point/Cecco indications. Include the following information in the discussion: location, number, degradation mode, disposition, and voltages/depths/lengths of significant indications.
5. Describe repair/plugging plans for the SG tubes that meet the repair/plugging criteria.
6. Discuss the previous history of SG tube inspection results, including any "look backs" performed.
7. Discuss, in general, the new inspection findings.
8. Discuss your use or reliance on the X-probe, if applicable.
9. Describe in-situ pressure test plans and results, if applicable and available, including tube selection criteria.
10. Describe tube pull plans and preliminary results, if applicable and available; include tube selection criteria.
11. Discuss the assessment of tube integrity for the previous operating cycle.

Enclosure

12. Discuss the assessment of tube integrity for next operating cycle.
13. Provide the schedule for SG-related activities during the remainder of the current outage.
14. Discuss what steps have been taken, or will be taken, in response to the lessons learned from the Indian Point Unit 2 tube failure. In addition, please be prepared to discuss the following:
  - a) Discuss the actions that are taken in response to identifying a new degradation mechanism, and
  - b) Discuss the actions taken to ensure that data noise levels are acceptable, and
  - c) Address data quality issues and the need for criteria to address data quality.

Beaver Valley Power Station, Units 1 and 2

Mary O'Reilly, Attorney  
FirstEnergy Nuclear Operating Company  
FirstEnergy Corporation  
76 South Main Street  
Akron, OH 44308

FirstEnergy Nuclear Operating Company  
Regulatory Affairs Section  
Thomas S. Cosgrove, Manager (2 Copies)  
Beaver Valley Power Station  
Post Office Box 4, BV-A  
Shippingport, PA 15077

Commissioner James R. Lewis  
West Virginia Division of Labor  
749-B, Building No. 6  
Capitol Complex  
Charleston, WV 25305

Director, Utilities Department  
Public Utilities Commission  
180 East Broad Street  
Columbus, OH 43266-0573

Director, Pennsylvania Emergency  
Management Agency  
2605 Interstate Dr.  
Harrisburg, PA 17110-9364

Ohio EPA-DERR  
ATTN: Zack A. Clayton  
Post Office Box 1049  
Columbus, OH 43266-0149

Dr. Judith Johnsrud  
National Energy Committee  
Sierra Club  
433 Orlando Avenue  
State College, PA 16803

L. W. Pearce, Plant Manager (BV-IPAB)  
FirstEnergy Nuclear Operating Company  
Beaver Valley Power Station  
Post Office Box 4  
Shippingport, PA 15077

Bureau of Radiation Protection  
ATTN: Larry Ryan  
P O Box 2063  
Harrisburg, PA 17120

Mayor of the Borough of  
Shippingport  
P O Box 3  
Shippingport, PA 15077

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Resident Inspector  
U.S. Nuclear Regulatory Commission  
Post Office Box 298  
Shippingport, PA 15077

FirstEnergy Nuclear Operating Company  
Beaver Valley Power Station  
ATTN: R. E. Donnellon, Director  
Projects and Scheduling (BV-IPAB)  
Post Office Box 4  
Shippingport, PA 15077

Mr. J. A. Hultz, Manager  
Projects & Support Services  
FirstEnergy Corporation  
76 South Main Street  
Akron, OH 44308

FirstEnergy Nuclear Operating Company  
Beaver Valley Power Station  
Mr. B. F. Sepelak  
Post Office Box 4, BV-A  
Shippingport, PA 15077