

# Duquesne Light Company

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

SUSHIL C. JAIN  
Division Vice President  
Nuclear Services  
Nuclear Power Division

October 9, 1996

(412) 393-5512  
Fax (412) 643-8069

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

**Subject: Beaver Valley Power Station, Unit No. 2  
Docket No. 50-412, License No. NPF-73  
Special Report**

In accordance with Appendix A, Beaver Valley Technical Specification 4.4.5.5.a, "Steam Generators," the following Special Report is submitted. This report is required to document the results of the Inservice Inspection of steam generator tubes, performed during the Sixth Refueling Outage.

On September 24, 1996, the Inservice Inspection of the tubing in steam generators 2RCS-SG21A, 2RCS-SG21B, and 2RCS-SG21C was completed. The number of tubes inspected and a breakdown of tubes removed from service for each generator is documented in Attachment 1.

One hundred percent (100%) of all inservice tubes in steam generators 2RCS-SG21A, 2RCS-SG21B, and 2RCS-SG21C were examined full length with bobbin coil probes. The Zetec 3-Coil Rotating Pancake Coil Probe (RPC) was used on indications that could not be resolved through standard bobbin coil testing. In addition, the Zetec Plus Point Probe was used to examine 100% of the hot leg top-of-tubesheet region in each steam generator. Crack-like indications identified in the hot leg top-of-tubesheet region were removed from service. Circumferential indications were stabilized.

Examination of the steam generator preselected to meet the Technical Specification required sample, 2RCS-SG21A, resulted in a total of twenty (20) tubes being removed from service.

AD47 1/1

9610150111 961009  
PDR ADOCK 05000412  
G PDR



Attachment 1 lists the applicable tubes for each steam generator and the location and the extent of degradation in accordance with Technical Specification 4.4.5.5.a.

Sincerely,

A handwritten signature in cursive script, appearing to read "Sushil C. Jain".

Sushil C. Jain

c: Mr. H. J. Miller, Regional Administrator  
United States Nuclear Regulatory Commission  
Region 1  
475 Allendale Road  
King of Prussia, PA 19406

Mr. D. S. Brinkman  
BVPS Licensing Project Manager  
United States Nuclear Regulatory Commission  
Washington, DC 20555

Mr. D. M. Kern  
BVPS Senior Resident Inspector  
United States Nuclear Regulatory Commission

Mr. J. A. Hultz  
Ohio Edison Company  
76 S. Main Street  
Akron, OH 44308

Mr. Mark Burns  
Centerior Energy Corporation  
6200 Oak Tree Boulevard  
Independence, OH 44101-4661

INPO Records Center  
700 Galleria Parkway  
Atlanta, GA 30339-5957

Mr. Robert Maiers  
Department of Environmental Resources  
P.O. Box 8469  
State Office Building, 13th Floor  
Harrisburg, PA 17105-8469

Director, Safety Evaluation & Control  
Virginia Electric & Power Company  
P.O. Box 26666  
One James River Plaza  
Richmond, VA 23261

Beaver Valley Power Station, Unit No. 2  
Docket No. 50-412, License No. NPF-73  
Special Report

ATTACHMENT 1

	2RCS-SG21A	2RCS-SG21B	2RCS-SG21C
Total number of tubes in generator	3376	3376	3376
Number of tubes previously removed from service	64	56	64
Number of tubes examined full length (with bobbin coil probes)	3312	3320	3312
Number of new tubes removed from service this outage	20	19	24
Pitting at Top-of-Tubesheet	--	--	8
Greater than 40% Tech Spec limit	0	0	0
Confirmed DSI's @ Tube Support Plates	3	--	1
Top of Tubesheet Indications (Circumferential/Axial)	17 (5 9)	17 (8/9)	10 (4/6)
Free Span Indication (Between Support Plates)	--	1	5
Large Permeability Signal (Possibly masking indication)	--	1	--
Total number of tubes currently removed from service (post sixth refueling outage)	84	75	88
Percentage of tubes currently plugged	2.49%	2.22%	2.61%