

# Duquesne Light Company

Beaver Valley Power Station  
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L-97-059

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

**Subject: Beaver Valley Power Station, Unit No. 2**  
**BV-2 Docket No. 50-412, License No. NPF-73**  
**10 CFR 21 Interim Report: Senior Flexonics Expansion Joints**

Pursuant to 10 CFR 21.21(a)(2), Duquesne Light Company is providing an interim report on our evaluation of the subject expansion joints.

Stone & Webster provided us with sufficient detail by September 8, 1997, to determine that BVPS Unit 2 has the subject expansion joints installed in the service water system, and that the effects of adding tie rods to those joints requires further evaluation. Within several weeks following that determination, significant piping analysis resources were required to perform a comprehensive evaluation of Unit 1 small bore piping, an issue which emerged during our on-going Unit 1 refueling outage.

The work on small bore piping is resource intensive. To maintain work continuity, and to focus on one issue at a time, our present plan of action is to satisfactorily address the small bore piping issue before the expansion joint evaluation is continued.

The Senior Flexonics expansion joints installed in the Unit 2 service water system will be evaluated for the effects of increased stiffness due to expansion joint tie rods. Our evaluation will determine conformance with the design criteria in Unit 2 UFSAR Section 3. The report date for our conclusions is scheduled by February 15, 1998.

Sincerely,

*Sushil C. Jain*

Sushil C. Jain

c: Mr. D. M. Kern, Sr. Resident Inspector  
Mr. H. J. Miller, NRC Region I Administrator  
Mr. D. S. Brinkman, Sr. Project Manager

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