

Duquesne Light Company

Beaver Valley Power Station
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SUSHIL C. JAIN
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Nuclear Power Division

March 7, 1996

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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 Operating License Change Request 229; Follow-up Information
Supporting Alternate Tube Plugging Criteria Implementation**

This letter provides additional information as a follow-up to the information provided in our response dated March 1, 1996. Enclosure 1 provides the steam generator upper voltage repair limit calculation and proprietary and non-proprietary versions of the updated tube pull database information which includes the new Beaver Valley 1, Sequoyah 1, and Farley 1 and 2 tube pull data as well as alternate repair criteria correlations for 7/8" diameter tubes. It is our understanding that the enclosed information is the only remaining information necessary to permit issuing the technical specification amendment for the subject license change request.

As Enclosure 1 contains information proprietary to the Westinghouse Electric Corporation, it is supported by an affidavit signed by Westinghouse, the owner of the information. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b) (4) of Section 2.790 of the Commission's regulations.

Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR Section 2.790 of the Commission's regulations. Correspondence with respect to the copyright or proprietary aspects of the items listed above or the supporting affidavit should reference CAW-96-935 and should be addressed to Mr. Nicholas J. Liparulo, Manager Regulatory & Engineering Networks, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

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Change: NRC PDC

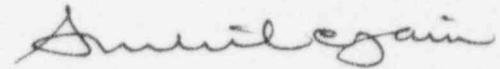
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If you have any questions regarding this submittal, please contact
Mr. G. A. Kammerdeiner at (412) 393-6855.

Sincerely,

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

Sushil C. Jain

c: Mr. L. W. Rossbach, Sr. Resident Inspector
Mr. T. T. Martin, NRC Region I Administrator
Mr. D. S. Brinkman, Sr. Project Manager

ENCLOSURE 1

Beaver Valley Power Station, Unit No. 1 PROPOSED OPERATING LICENSE CHANGE REQUEST 229 FOLLOW-UP INFORMATION

The attached data provided in Table 1 includes the most recent tube pull results for 7/8" tubing. Using this data, the upper voltage repair limit (V_{URL}) for Unit 1 refueling outage 11 is calculated as follows:

$$V_{URL} = V_{SL} - V_{Gr} - V_{NDE}$$

$$V_{URL} = V_{SL} / (1 + \% V_{NDE}/100 + \% V_{Gr}/100)$$

Where V_{NDE} = NDE measurement uncertainty (20% per GL 95-05)

V_{Gr} = Voltage growth rate per cycle (30% per GL 95-05)

V_{SL} = Voltage structural limit from the burst pressure vs bobbin coil voltage correlation

$$V_{URL} = 8.6 \text{ volts} / (1 + .2 + .3)$$

$$V_{URL} = 8.6 \text{ volts} / (1.5)$$

$$V_{URL} = 5.7 \text{ volts}$$