



# Duquesne Light

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March 19, 1986

United States Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

ATTENTION: Dr. Thomas E. Murley  
Administrator

SUBJECT: Beaver Valley Power Station - Unit No. 2  
Docket No. 50-412  
EFCO-600 Actuator Latching Mechanisms for MSIVs  
Supplement To Potential Significant Deficiency Report 85-02

REFERENCE: 2NRC-5-053, dated March 27, 1981

Gentlemen:

In the reference Duquesne Light Company (DLC) submitted its report, in accordance with 10CFR50.55(e) requirements, on the subject of EFCO-600 Actuator Latching Mechanisms for MSIVs. This letter is submitted to provide an update to this original report.

As stated in the referenced report, the old (Torrington) bearings in BV-2's three (3) MSIVs were replaced with new bearings, made by Crosby, in November 1985. In December 1985 during testing of these new bearings two (2) failed statically. Subsequently as a result of various tests conducted and a metallurgical report of the new bearings it was determined that these new bearings had defects.

Crosby has been directed to develop a new heat treatment process and implement a more rigorous NDE program, which would include proof testing of the finished product. It is expected that manufacturing the new bearings made of AISI 52100 material under these revised procedures will produce "defect-free" bearings. In addition to using the AISI 52100 material, Crosby will investigate the use of another bearing material, AISI 9310, in a parallel path. New bearings should be available from Crosby within the next several months and shipped to BV-2 for installation. In addition to the bearing fixes, Crosby will be providing a quotation for pinning the latch bracket to minimize movement and provide ease of maintainability.

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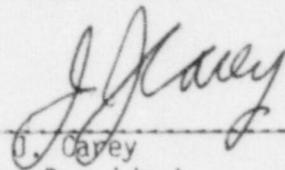
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The NRC Resident Inspector will be kept informed of this activity. It is anticipated that no additional reports related to this issue will be submitted to Region I.

DUQUESNE LIGHT COMPANY

By

  
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J. J. Carey  
Vice President

SDH/slp

cc: Mr. R. DeYoung, Director (3)  
Mr. P. Tam, Project Manager  
Mr. G. Walton, NRC Resident Inspector  
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