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William J. Cahill, Jr.  
Executive Vice President

April 12, 1990

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NO. 50-445  
BORG WARNER/INTERNATIONAL PUMP, INC.,  
CHECK VALVE SWING ARMS

REF: 1) TU Electric letter TXX-90139 from William J. Cahill, Jr.,  
to the NRC dated April 9, 1990  
2) APTECH Report, "Failure Analysis and Service Suitability of  
Check Valve Swing Arms," December 1989

Gentlemen:

As a result of recent discussions between TU Electric and the NRC staff, the following information regarding Borg Warner/International Pump, Inc. (BW/IP), check valve swing arms is submitted. This letter provides additional information on the material specifications and inspections for the new BW/IP swing arms (investment cast type) which have been installed in CPSES Unit 1. The commitments discussed in Reference 1 remain unchanged.

Reference 2 recommended that replacement swing arms should include appropriate specifications to ensure high quality. It was recommended that Grade CB7CU1 investment cast arms should be fabricated from 17-4 PH stainless steel per ASTM 747 specification with Supplements S6 (material certification), S14 (tension test), S26 (homogenization heat treatment), and S27 (marking/identification). The procurement documents for the replacement swing arms invoked this ASTM material specification and the recommended supplements stated above. Note that Reference 2 incorrectly identified Supplement S11 for material certification. During the fabrication of investment cast swing arms, TU Electric QA/QC personnel were present at the manufacturer's facilities to verify conformance to the procurement documents.

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Records supporting this information are available at the site for your review.

Sincerely,

*William J. Cahill, Jr.*  
William J. Cahill, Jr.

By: *Roger D. Walker*  
Roger D. Walker  
Manager of  
Nuclear Licensing

CBC/cbc

c - Mr. R. D. Martin, Region IV  
Resident Inspectors, CPSES (3)