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Cause Description and Corrective Actions, cont'd.

been caused by misalignment of the pump, which introduced a significant shear stress component to the normal loading. The misalignment most probably occurred during modifications required by IE Bulletin 79-14 to the suction piping and support. These modifications were done between the time of the shaft failure and the previous surveillance test, during which no pump vibration was noticed.

As a corrective action the following Plant Procedures were reviewed:

- OP 4004.1 - Containment Spray Pump Periodic test
- AP 0190.28 - Mechanical Test Control (Post Maint.)
- AP 0103.24 - Startup Test Control - Mechanical Testing
- AP 0103.17 - System/Equipment Acceptance/Turnover to Nuclear Plant Staff.

AP 0190.28 was revised to include testing of equipment after work is completed on adjacent piping or structures. The other three procedures required no revisions. No further LER updates will be submitted.



MAY 15 1985

L-85-200

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

Gentlemen:

Re: Reportable Event 83-17, Revision 1  
Turkey Point Unit 4  
Date of Event: October 4, 1983  
4 B Containment Spray Pump

The attached Licensee Event Report is being submitted pursuant to the requirements of 10 CFR to provide notification of the subject event.

Very truly yours,

*J. W. Williams, Jr.*  
for J. W. Williams, Jr.  
Group Vice President  
Nuclear Energy

JWW/SAV/js

Attachment

cc: Dr. J. Nelson Grace, Region II, USNRC  
Harold F. Reis, Esquire  
File 933.1  
PNS-LI-85-202

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