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Downers Grove, Illinois 60515

July 2, 1992

Dr. Thomas E. Murley, Director
Office of Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D.C. 20555

Attn: Document Control Desk

Subject: Dresden Nuclear Power Station Unit 2
Pressure-Temperature Curves, Figure 3.6.1
Technical Specifications
NRC Docket No. 50-237

Reference: (a) B. L. Siegel memo to T. J. Kovach, dated September 5, 1991.

Dr. Murley:

On Friday, June 26, 1992, Dresden Nuclear Power Station made an ENS notification concerning Figure 3.6.1 of the Technical Specifications regarding Pressure-Temperature requirements for Dresden Unit 2. Based upon a review of the reactor vessel beltline data performed in response to Generic Letter 92-01, CECo determined that the chemistry and initial RT_{NDT} for the Unit 2 electroslag welds were not actual values, but typical values, and may not be conservative. As a result, the Pressure-Temperature (P-T) curves for Dresden Unit 2 are non-conservative as provided in the Technical Specifications (Figure 3.6.1). These curves were approved as a license amendment and issued in response to Generic Letter 88-11 in Reference (a)

Dresden Station reviewed past operating and pressure testing history of Unit 2 to determine if plant operation had exceeded the specified P-T limits. The results of that review showed that the only non-conservative condition that occurred during the use of the Unit 2 P-T curves was the 1160 psig hydrotest performed during the last refueling outage. CECo evaluated this discrepancy and determined that there was adequate margin against brittle fracture during the pressure test. A review of the available electroslag weld data and the Pressure-Temperature (P-T) curves developed for Dresden Unit 3 and Quad Cities Units 1 and 2 determined the curves are conservative for application to Dresden Unit 2. As an interim measure, Dresden Station has instituted administrative controls to ensure that the conservative Unit 3 P-T curves are used during all operation and pressure testing for Unit 2. Dresden Station will develop and submit a Technical Specification change in the near term to correct the Unit 2 Technical Specifications.

In conclusion, CECo determined that: 1) the P-T conditions at the non-conservative hydrotest temperature provided sufficient margin against crack initiation; and 2) continued operation of Dresden Unit 2 with the Unit 3 curves is conservative.

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Dr. M.E. Murley

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If there are any questions concerning this matter, please contact this office.

Sincerely,



Peter L. Piet
Nuclear Licensing Administrator

cc: A. B. Davis, Regional Administrator - RIII
B. L. Siegel, Project Manager - NRR
W. G. Rogers, Senior Resident Inspector - Dresden