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Department of Energy  
Clinch River Breeder Reactor  
Plant Project Office  
P.O. Box U  
Oak Ridge, Tennessee 37830  
Docket No. 50-537

April 4, 1980

Mr. Domenic B. Vassallo  
Acting Director  
Division of Project Management  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Vassallo:

TOPICAL REPORT ON BASE MATERIALS TESTS FOR CELL LINER STEELS

Enclosed are seventy (70) copies of WARD-D-0252, "Final Report on Base Materials Tests for Cell Liner Steels," dated January 1980. This report is a reference to the CRBRP-3, Vol. 2, "Assessment of Thermal Margin Beyond the Design Base."

The CRBRP cell liner material is ASME SA-516 (Grade 55) steel plate. The weldment specification is SFA 5.20 E70 T-1 for flux covered arc weldment. This report summarizes test data obtained on the specified steel and weldments for a temperature range of 75° to 1800°F.

Sincerely,

Raymond L. Copeland  
Acting Assistant Director  
for Public Safety

PS:80:103

Enclosures

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