



Serial: RNP-RA/07-0012

JAN 29 2007

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23

INSPECTION AND MITIGATION OF ALLOY 82/182/600 PRESSURIZER BUTT WELDS

Ladies and Gentlemen:

In October of 2006, several circumferential indications in the pressurizer surge, safety, and relief nozzles were discovered at another pressurized water reactor (PWR) while licensee personnel at that facility were performing inspections of pressurizer Alloy 82/182/600 butt welds. These inspections were being conducted in accordance with Electric Power Research Institute (EPRI) Materials Reliability Program (MRP) MRP-139, "Primary System Piping Butt Weld Inspection and Evaluation Guideline." Based on these discoveries, the materials utilized in pressurizer butt welds at H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2, were reviewed. The results of that review confirm that the HBRSEP, Unit No. 2, pressurizer does not have Alloy 82/182/600 butt welds.

No new commitments are included with this letter.

If you have any questions concerning this matter, please contact Mr. C. T. Baucom at (843) 857-1253.

Sincerely,

A handwritten signature in cursive script that reads 'Jan F. Lucas'.

Jan F. Lucas
Manager – Support Services – Nuclear

JFL/cac

c: Dr. W. D. Travers, NRC, Region II;
Mr. C. P. Patel, NRC, NRR
NRC Resident Inspector

Progress Energy Carolinas, Inc.
Robinson Nuclear Plant
3581 West Entrance Road
Hartsville, SC 29550

A110