

CP&L

Carolina Power & Light Company

MAR 27 1990

SERIAL: NLS-90-077

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-324/LICENSE NO. DPR-62
NRC REQUEST FOR RECIRCULATION PIPE WELDS

Gentlemen:

In a letter dated October 10, 1989, from Mr. E. G. Tourigny (NRC) to Mr. L. W. Eury (CP&L), the NRC requested CP&L to consider providing weld samples to Brookhaven National Laboratory (BNL) for metallurgical examination. The candidate welds for examination are the Unit 2 riser welds 12BRK2, 12BRJ2, 12BRK3, 12BRJ3, and 12BRG4 and safe-end to nozzle weld 12ARE5.

In response to your request, Carolina Power & Light Company (CP&L) provided BNL with four welds for metallurgical examination. These four welds are 12BRJ2, 12BRJ3, 12BRK3 and 12BRG4. Requested weld 12BRK2 is being retained by CP&L for metallurgical examination by the Harris E&E Center. The weld 12ARE5 is not provided since it was necessary to destroy this weld during the removal process.

The four welds provided to BNL for metallurgical examination were cut approximately three inches on either side of the weld overlay. Each weld sample was stamped with an ID number, and an arrow indicating the direction of flow.

Mr. Carl Czajkowski, (BNL) requested that CP&L also provide any available Ultrasonic Testing Records on the respective weld samples. A package was assembled and given to Mr. Czajkowski during his visit to the Brunswick Plant site on December 6, 1989. The requested welds were shipped to Brookhaven National Laboratories on March 1, 1990.

We hope that these weld samples provide adequate metallurgical examination data for your program.

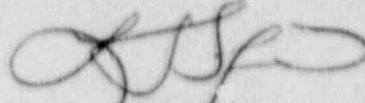
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Please refer any questions regarding this submittal to Mr. Dale B. Bates at
(919) 546-6154.

Yours very truly,



L. A. Loflin
Manager
Nuclear Licensing Section

DBB/ecc (664ECC)

Enclosure

cc: Mr. S. D. Ebnetter
Mr. W. H. Ruland
Mr. E. G. Tourigny