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

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

STEAM GENERATOR TUBE PLUGGING DURING REFUELING OUTAGE 21

Ladies and Gentlemen:

In accordance with the H. B. Robinson Steam Electric Plant, Unit No. 2, Technical Specifications Section 5.6.8, "Steam Generator Tube Inspection Report," Paragraph a, Carolina Power & Light Company submits the attached report on steam generator tube plugging during Refueling Outage 21. The steam generator tube plugging was completed on October 29, 2002.

If you have any questions concerning this matter, please contact me.

Sincerely,

C. T. Baucom
 Supervisor – Licensing and Regulatory Programs

CAC/cac

Attachment

c: NRC Resident Inspector, HBRSEP
 L. A. Reyes, NRC, Region II
 R. Subbaratnam, NRC, NRR

11/09/02

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

STEAM GENERATOR TUBE PLUGGING DURING REFUELING OUTAGE 21

Steam Generator	Tube	Comments
A	R37C50	Wear is at top of tubesheet at hot leg side due to transient loose part. No loose part was determined to be present. This tube was last examined during Refueling Outage (RO) 19 in 1999 and there has been a slight change in the indication. The indication depth is below plugging limit required by the Technical Specifications. The indication was bounded by inspection of the surrounding tubes. The tube was preventatively plugged.
A	R38C50	Wear is at top of tubesheet at hot leg side due to transient loose part. No loose part was determined to be present. This tube was last examined in 1999 (RO-19) and there has been a slight change in the indication. The indication depth is below plugging limit required by the Technical Specifications. The indication was bounded by inspection of the surrounding tubes. The tube was preventatively plugged.
A	R37C51	Wear is at top of tubesheet at hot leg side due to transient loose part. No loose part was determined to be present. This tube was last examined in 1996 (RO-17) and there was no indication present. The indication depth is below plugging limit required by the Technical Specifications. The indication was bounded by inspection of the surrounding tubes. The tube was preventatively plugged.
A	R4C39	Indication is attributed to mechanical wear. No loose part was determined to be present. This tube was last examined in 1996 (RO-17) and there was no indication present. The indication depth is below plugging limit required by the Technical Specifications. The tube was preventatively plugged.
B	R1C27	Peripheral tube in blowdown lane with mechanical wear. The cause of this indication was attributed to impact by maintenance equipment. The indication correlates with equipment insertion down the blowdown lane. The tube was preventatively plugged.

Steam Generator	Tube	Comments
B	R34C43	Indication is attributed to wear due to loose part. The loose part was determined to be still present. The indication was bounded by examining surrounding tubes, with no other indications found. The tube was preventatively plugged and staked.
B	R24C65	Indication is attributed to wear at the flow distribution baffle on hot leg side. No loose part was determined to be present. This tube was last examined in 1998 (RO-18) and there was no indication present. The indication depth is below plugging limit required by the Technical Specifications. The tube was preventatively plugged.
C	R45C41	Wear is below the 6 th support plate on the hot leg side and is indicative of transient loose part wear. No loose part was determined to be present. This tube was last examined in 2001 (RO-20) and there was no indication present. Adjacent tubes were examined, with no indications or loose parts found.