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 AUTH. NAME AUTHOR AFFILIATION  
 FLOYD, S.D. Carolina Power & Light Co. *See Report*  
 RECIP. NAME RECIPIENT AFFILIATION  
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SUBJECT: Forwards Rev 0 to SIR-90-080, "Evaluation of Flaw Indications on HB Robinson Steam Generators A & C." Rept evaluates flaw indications in transition cone to upper shell girth welds found during inservice insp.

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*rob* *MAJ*



Carolina Power & Light Company

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

Gentlemen:

On December 17, 1990 Carolina Power and Light Company (CP&L) and the NRC held a telephone conference call to discuss issues associated with the flaw indications in the transition cone to upper shell girth weld of the steam generators at H. B. Robinson Steam Electric Plant, Unit No. 2 (HBR2). CP&L addressed the NRC's immediate technical concerns during the telephone call. However, the NRC requested that CP&L submit, prior to unit restart, an evaluation of the flaw indications as prepared by Structural Integrity Associates, Inc, under contract to CP&L. During the call, the NRC requested, and CP&L agreed, that additional ultrasonic test (UT) inspections of the girth weld flaws be performed if a mid-cycle cold shutdown of sufficient duration occurred during the next operating cycle. CP&L had already indicated that additional UT inspections would be performed during the next refueling outage (R.O. 14) currently scheduled for early 1992.

In accordance with subarticle IWB-3600 of Section XI, ASME Code, 1977 edition, Summer 1978 addenda, CP&L provides the attached Structural Integrity Associates report, "Evaluation of Flaw Indications on H. B. Robinson Steam Generators A and C".

Please refer any questions regarding this submittal to Mr. R. W. Prunty at (919) 546-7318.

Yours very truly,

S. D. Floyd  
Manager

Nuclear Licensing Section

JSK/cwh (941RNP)

Attachment

cc: Mr. S. D. Ebnetter  
Mr. L. Garner (NRC-HBR)  
Mr. R. Lo

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