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 AUTH. NAME                      AUTHOR AFFILIATION  
 RICHEY, R.B.                      Carolina Power & Light Co.  
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SUBJECT: Submits addl info re 880201 Steam Generator Tube Rapture analysis.

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**Carolina Power & Light Company**

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AUG 25 1988

R. B. RICHEY, Manager  
Licensing & Nuclear  
Fuel Department

SERIAL: NLS-88-194

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

SHEARON HARRIS NUCLEAR POWER PLANT  
DOCKET NO. 50-400/LICENSE NO. NPF-63  
STEAM GENERATOR TUBE RUPTURE

Gentlemen:

Based on recent conversations with the NRC Staff, Carolina Power & Light Company (CP&L) hereby submits additional information to supplement the Steam Generator Tube Rupture (SGTR) analysis transmitted via NLS-88-010 dated February 1, 1988.

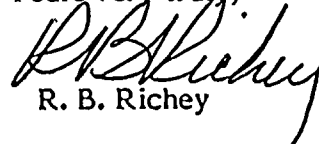
In the response to Item (1) in Attachment 1 to the February 1, 1988 submittal, CP&L addressed the results of several simulator runs to demonstrate realistic operator action times. Subsequent to these simulator runs, the active licensed plant operators received additional plant-specific training in the response to a SGTR event. The training included the critical operator actions required to mitigate the event under design basis conditions and the allowable time to complete these actions to remain within the bounds of the analysis.

To further address operator action times, CP&L will include a Design Basis SGTR scenario (for overfill) in the next scheduled operator simulator requalification training for active operators. This training is currently scheduled to begin in February 1989 and be completed in May 1989. Each group of operators will be timed on the critical operator actions to confirm that they remain within the analysis assumptions. CP&L will document the results of the operator action times from the simulator runs via submittal to the NRC within 30 days of their completion.

In the event that the action times assumed in the analysis are found to be nonconservative, the design basis SGTR analysis will be reevaluated using conservative operator action times. The results of the reevaluation will be submitted for NRC review and approval prior to startup from the Cycle 3 refueling outage.

Please refer any questions regarding this submittal to Mr. James D. Kloosterman at (919) 836-8055.

Yours very truly,

  
R. B. Richey

JDK/dtw (5449JDK)

cc: Mr. W. H. Bradford  
Mr. B. C. Buckley  
Dr. J. Nelson Grace

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A. J. P.*



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