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 AUTH. NAME AUTHOR AFFILIATION
 CUTTER, A.B. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 VARGA, S.A. Operating Reactors Branch 1

SUBJECT: Forwards supplemental info/clarification in order for NRC
 to finalize SER re compliance to requirements of 10CFR50,
 App R, Section III.G covering alternate shutdown capability.

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Carolina Power & Light Company

SERIAL: NLS-84-295

JUL 20 1984

Director of Nuclear Reactor Regulation
Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing
United States Nuclear Regulatory Commission
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
APPENDIX R - ADDITIONAL INFORMATION/CLARIFICATION

Dear Mr. Varga:

Based on telephone conversations with your staff, the enclosed information/clarification is being provided to supplement submittals made by Carolina Power & Light Company (CP&L) on March 16, 1982, February 6, 1984, and June 6, 1984.

It is CP&L's understanding that this information is needed in order for the NRC Staff to finalize their Safety Evaluation Report (SER) concerning CP&L's compliance to the requirements of 10CFR50, Appendix R, Section III.G for the H. B. Robinson Steam Electric Plant, Unit No. 2.

Should you have any questions concerning this letter, please contact Mr. Sherwood Zimmerman at (919) 836-6242.

Yours very truly,

A. B. Cutter - Vice President
Nuclear Engineering & Licensing

PPC/mf (298PPC)

Enclosure

cc: Mr. J. P. O'Reilly (NRC-RII)
Mr. G. Requa (NRC)
Mr. Steve Weise (NRC-HBR)

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ATTACHMENT TO NLS-84-295

The following additional information/clarification is provided to identify areas for which Alternative Shutdown Capability will be provided:

1. Fire Zone 30 contains the Diesel Oil Storage Tank and alternative shutdown capability will be provided for this area. Should a fire occur in this area, the long-term diesel fuel oil supply to the emergency diesels could be lost and, therefore, would require using the dedicated diesel and its fuel oil supply to achieve cold shutdown.
2. Normal shutdown will be utilized for a fire in the Turbine Building (Fire Zone TB) using equipment in the Auxiliary Building in accordance with III.G.2.
3. Normal shutdown will be utilized for a fire in the Auxiliary Feedwater Pump Room (Fire Zone 7). For a fire in this zone, which contains two electric motor driven auxiliary feedwater pumps, the steam driven auxiliary feedwater pump in Fire Zone TB would be used in accordance with III.G.2.
4. Alternative shutdown capability will be available for a fire in the Auxiliary Building Hallway, Second Level (Fire Zone 15).

As a result of the above information, the total number of fire zones is 31 and is distributed in the following manner:

<u>Number of Fire Zones</u>	<u>Category</u>
5	Normal Shutdown
17	Alternative Shutdown
3	Exemption Requests
<u>6</u>	N/A to III.G
Total 31	

Attachment 1 is a listing of all fire zones and the method of compliance identified.

ATTACHMENT 1

METHOD OF COMPLIANCE FOR H. B. ROBINSON

<u>ZONE</u>	<u>LOCATION</u>	<u>III.G.2</u>	<u>III.G.3</u>	<u>EXEMP.</u>
1	Diesel Generator Room B	X		
2	Diesel Generator Room A	X		
3	Safety Injection Pump Room	X		
4	Charging Pump Room		X	
5	Component Cooling Pump Room	X		X
6	Hot Lab/Counting Room	N/A		
7	Auxiliary Feedwater Pump Room	X		
8	Boron Injection Tank Room	N/A		
9	North Cable Vault		X	
10	South Cable Vault		X	
11	Hallway - Diesel Generators/MCC-S		X	
12	Hallway - Air Compressors		X	
13	Hallway - Component Cooling/Charging Rooms		X	
14	Waste Handling Room	N/A		
15	Hallway - HVAC Equipment		X	
16	Battery Room		X	
17	HVAC Equipment Room	N/A		
18	Former Unit 1 Cable Spread Room	N/A		
19	Relay, Computer, and Unit 2 Cable Spread Room		X	
20	Emergency Switchgear Room		X	
21	Rod Control Room		X	
22	Control Room		X	
23	Relay (Hagan) Room		X	
24	Containment Electrical Penetration Area		X	
25	Reactor Coolant Pump Bay (A, B, C)		X	
26	Containment HVAC (Filter) Units	N/A		
27	Residual Heat Removal Pump Pit	X		X
28	Pipe Alley		X	
SWP	Service Water Intake	X		X
TB	Turbine Building	X		
30	D/G Fuel Oil Storage Area		X	