



Carolina Power & Light Company

September 2, 1982

Regional Administrator  
United States Nuclear Regulatory Commission  
Region II  
101 Marietta Street, N.W., Suite 3100  
Atlanta, GA 30303

ATTENTION: Mr. J. Philip Stohr, Director  
Division of Emergency Preparedness  
and Operational Support

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
SMALL SCALE EXERCISE SCENARIO DESCRIPTION

Dear Sir:

As indicated in our letter dated July 13, 1982, a small scale emergency exercise is scheduled to be conducted at the H. B. Robinson Plant (HBR), Hartsville, South Carolina on October 14, 1982.

Carolina Power & Light Company (CP&L) hereby submits three (3) copies of the scenario for the October 14, 1982 Emergency Preparedness Exercise for the HBR Plant. This scenario will require participation by the plant emergency organization, the corporate emergency organization, and the local county government emergency organization.

*note* We would appreciate your expeditious review and concurrence with this scenario. This will enable us to proceed with the preparation of the detailed exercise plan.

If you should have any questions concerning this information, please contact our staff.

Yours very truly,

Original Signed By  
S. R. Zimmerman  
S. R. Zimmerman  
Manager  
Licensing & Permits

DCS/mag (4026C5T2)

cc: Mr. B. K. Grimes (NRC-IE, Headquarters)

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PDR ADOCK 05000261  
F PDR

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H. B. Robinson  
Emergency Preparedness Exercise  
October 14, 1982

TIME	EMERGENCY CLASS	EVENTS
0800	Normal	Unit #2 operating at 70 percent power. Approximately 2 weeks into the ninth fuel cycle. Integrated leak test completed prior to startup. Hydrogen delivery truck located on owner controlled area to deliver Hydrogen.
0805	Unusual Event	Manual containment station air isolation valve found open.
0810		Auxiliary operator sent to close isolation valve falls requiring offsite hospitalization.
0900		Air ejector monitor readings increasing indicating a small primary to secondary leak.

H. B. Robinson  
Emergency Preparedness Exercise  
October 14, 1982 (Cont'd)

TIME	EMERGENCY CLASS	EVENTS
0930		Chemistry reports secondary liquid activity $>0.10 \mu\text{Ci/ml}$ .
0935	Alert	Falling pressurizer pressure and level with decreasing $T_{\text{AVE}}$ and primary to secondary leak rate $>77 \text{ GPM}$ . Secondary to atmosphere leak nonisolatable causing offsite radiological release.
0936		MSLIV fails to close
1000	Site Emergency	Chemist reports reactor coolant activity to be $>1.0 \mu\text{Ci/ml}$ . I-131 (or equivalent if secondary is sampled).
1005	Site Emergency	Chemist gets reactor coolant in eyes and ears.

H. B. Robinson  
Emergency Preparedness Exercise  
October 14, 1982 (Cont'd)

TIME	EMERGENCY CLASS	EVENTS
1030		Inquiry from press - Press release to be made at site.
1100		MSLIV to affected generator closed.
1130		Hydrogen delivery truck crashes into Unit #2 intake structure and catches fire.
1145	Site Emergency	Fire at intake structure disables 2 circulating water pumps. Only remaining pump has unusual noise level.
1200		Fire Fighter injured.

H. B. Robinson  
Emergency Preparedness Exercise  
October 14, 1982 (Cont'd)

TIME	EMERGENCY CLASS	EVENTS
1215		Fire out
1300	Site Emergency	Hydrogen gas leaking from wrecked truck at unit 2 intake building.
1430		Hydrogen leakage stopped or hydrogen truck moved.
1500		Circulating water pumps repaired and returned to service.
1505		Exercise terminated.