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 AUTH. NAME AUTHOR AFFILIATION
 ZIMMERMAN, S. R. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
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SUBJECT: Forwards cost estimate for installation of radio
 communications control circuit for NRC in facility, per 870629
 request.

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Carolina Power & Light Company

AUG 13 1987

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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
BIFC RADIO COMMUNICATIONS RECOMMENDATION ESTIMATE

Gentlemen:

Carolina Power & Light Company provides the enclosed cost estimate for installation of a radio communications control circuit for the NRC in the Robinson Plant Emergency Operations Facility, as requested by your June 29, 1987 letter. We understand that NRC Region II may request installation of the system in the near future.

If you have any questions concerning this submittal, please contact my staff.

Yours very truly,

S. R. Zimmerman
Manager

Nuclear Licensing Section

JSK/ppo (5257JSK)

Enclosure

cc: Mr. D. M. Collins
Mr. T. R. Decker
Dr. J. Nelson Grace
Mr. K. Eccleston
Mr. H. Krug

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HBR CONTROL CIRCUIT FOR RADIO COMMUNICATIONS IN EOF FOR NRC

Total Estimated Cost: \$6,539.00

Cost Summary:

Construction		
Labor/Direct	\$4,624.00	(Estimated Man-hours: 289)
Materials	990.00	
Overhead	925.00	

Project Scope:

Install two twin lead, direct current, control circuits from the NRC areas in the EOF to the outside/roof of the building. Both ends of the control circuits should be terminated with WE-742 wire junctions and labeled for NRC emergency use only. The outside termination should be housed in a waterproof container to protect it from the elements. The exact placement of these terminal blocks are to be determined by the licensee. The wire for the control circuits should be at least equal in quality and size to those installed by a telephone company for voice quality telephone circuits.