

March 20, 1985

Docket No. 50-261

DISTRIBUTION

Mr. E. E. Utley, Executive Vice President
Power Supply and Engineering & Construction
Carolina Power and Light Company
Post Office Box 1551
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Docket File	NRC PDR
L PDR	ORB#1 Rdg
HThompson	OELD
EJordan	BGrimes
JPartlow	CParrish
GRequa	ACRS 10
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Dear Mr. Utley:

SUBJECT: AMENDMENT TO ON-SITE DISPOSAL OF CONTAMINATED SOIL -
H. B. ROBINSON UNIT 2

By letter dated March 6, 1985, you requested an amendment to our November 8, 1984 Environmental Impact Appraisal (EIA) to allow disposal in the ash pond on site of slightly contaminated soil. The EIA evaluated a CP&L proposal for a procedure to dispose to up to 60,000 m³ of slightly contaminated settling-basin sediment in the ash pond where CP&L disposes a much larger quantity of ashes from the coal-fired unit of the H. B. Robinson (HBR) plant.

The request of March 6, 1985 is for permission for disposal in the ash pond of two batches of slightly contaminated soil within all the limitations of the EIA for sediment disposal, i.e., as if the soil were sediment. One batch is about 38.3 m³ now stored in containers; the other batch is about 994 m³ to be excavated for construction of a radioactive waste handling facility. The activity concentrations reported by CP&L for the smaller basin sediment reported by CP&L in the Safety Analysis Report submitted with their letter of January 17, 1983; the activity concentrations in the larger batch of soil are smaller. In all cases, Co-60 is the predominate radionuclide, with lesser amounts of Cs-137. The total activity in the additional soil (about 1.3 mCi) is less than 1% of their initial request.

Based on our review, we conclude that the proposed disposal of the additional soil is acceptable, within the limitations described in CP&L's letter of March 6, 1985. However, pursuant to 10 CFR Part 150, the NRC has relinquished the authority to regulate by-product material in the State of South Carolina to the State. Thus, permission for burial of by-product material in the State of South Carolina must be issued by the State licensing agency. In addition, other State and local regulatory agencies may have some jurisdiction in this area.

The principal reviewer of this proposal was Jerry J. Swift, RAB.

Sincerely,

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

cc: See next page

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BC ORB#1:DL
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Mr. E. E. Utley
Carolina Power and Light Company

H. B. Robinson Steam Electric
Plant 2

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