

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD

Before Administrative Judges:
Herbert Grossman, Chairman
Dr. Frank F. Hooper
Gustave A. Linenberger

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In the Matter of
SOUTH CAROLINA ELECTRIC AND
GAS COMPANY, ET AL.
(Virgil C. Summer Nuclear Station,
Unit 1)

Docket No. 50-395-OL

August 20, 1982

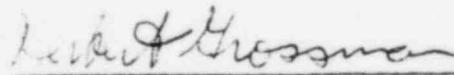
ERRATA

For the July 20, 1982 Partial Initial Decision:

	<u>Change</u>	<u>To</u>
p. 39, l. 7	"not be amplified"	"not likely be amplified"
p. 66, l. 13	"in its Exhibit 1"	"in their Exhibit 1"
p. 67	substitute attached corrected page for original page with misplaced letters	
p. 68, l. 5	"The Applicant"	"Applicants' expert Dr. Alexander"
p. 68, l. 6	"of its review"	"of his review"
p. 68, l. 12	"factor"	"feature"

By Order of the Board.

FOR THE ATOMIC SAFETY AND
LICENSING BOARD


Herbert Grossman, Chairman

Based on its consideration of this information, the Staff concluded that the position held at the construction permit stage is still valid, namely, that there is no basis to assume that an earthquake equivalent to the 1886 Charleston earthquake is likely to occur anywhere but in the general vicinity of Charleston, South Carolina. Staff took the position that the 1886 Charleston earthquake can be reasonably related to the complex geologic structure unique to the region and in consideration of the recurrent seismicity in the area should not, in developing the earthquake design basis for the facility, be assumed to occur at the Summer site. However, because a clear association between structure and seismicity has not been demonstrated, it recommended that geological and seismological research be continued in the Charleston area. Stf. Ex. 1 at 2-38 to 2-39. It reaffirmed this position at the hearing that there was no basis to migrate the Charleston earthquake to other parts of the Coastal Plain or Piedmont provinces. Tr. 1063, 1070-71, 1155.

101. The Board has reviewed the evidence presented and finds that it supports the reasonableness of the construction permit Licensing Board's conclusions that the 1886 Charleston earthquake can be localized to the local Charleston area. The Board, therefore, concludes that there is no new information that warrants reopening this matter at this operating license stage for a re-determination on the merits.

H. Wateree Creek Fault

102. Subsequent to the impoundment of the Monticello reservoir and the ensuing increase in local seismic activity, the USGS contracted the services of Dr. Donald T. Secor, Jr., Department of Geology, University