

Appendix A to Applicants'
Proposed Findings on
Seismic Contention

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)
)
South Carolina Electric) Docket 50-395 OL
& Gas Company, et al.)
)
(Virgil C. Summer Nuclear)
Station, Unit 1))

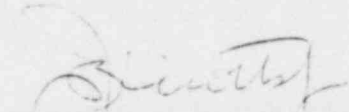
Applicants, South Carolina Electric and Gas Company and South Carolina Public Service Authority, hereby submit corrections and/or changes to the proposed findings of fact and conclusions of law on seismic issues filed February 16, 1982:

<u>Page</u>	<u>Paragraph</u>	<u>Line</u>	<u>Correction</u>
2	2	13-14	Delete "but we entered no further order and made no change in our ruling." Insert "but by our order of June 19, 1981 we denied the objection and made no further ruling."
18	25	fn 3	Insert "Board Exhibit 6, a book by Bruce Bolt entitled <u>Earthquakes: A Primer</u> was identified (Tr. 2528), but never received into evidence (Tr. 5998)."
40	66	4	After "stress field" insert "and zones of zero deviatoric stress"
63	109	5	After "presented later." insert the cross-reference "(Para. 156-184, <u>infra</u>)."

74	134	4	Delete "1972" Insert "1962"
77	136	7	Following "... rupture the surface, and Insert "with the possible exception of the 1811-1812 New Madrid earthquakes"
88	162	2	Following "excitation of" Insert "SH"
90	165	19	Delete "to"
91	166	6	Following "frequencies." Insert "(See para. 162, <u>supra</u> .)"
101	186	1	Delete the sentence which begins "Third, Dr. Trifunac..."
109	198	10	Delete "results". Insert "spectra".
118	216	14	Delete "mean" and insert "sum"
118	217	2	Delete "electrical"
120	220	4-5	Delete "maintain functionability at" and insert "reach"
124	228	11	The sentence which begins "Dr. Luco ..." should be the first sentence of para. 229 on page 125.
136	252	7-8	The sentence beginning at line 6 should read, "The smoothing of spectra is always done in such a way that valleys tend to be filled and peaks tend to be clipped, and again more energy is pumped into the system."
141	263	22 (2d from the bottom)	The reference following "design." should be "(<u>Id.</u> at 35- 36)."
143	266	7	Delete "zero period acceleration value of input motion" and insert "test response spectra"
		8	Delete "zero period acceleration value of"
		10	Delete "higher" and insert "entire"

145	272	3	Delete "passi" Insert "passive components having high-frequency fundamental modes (Tr. 5343-44) (Chen Test. at Table 1, following Tr. 5324); 2) code allowables based on static sustained loads rather than
162	303	6	Following "Thomas C. Nichols, Jr.," insert "Vice-President and Group Executive for Nuclear Operations" and following "Esca H. Crews." insert "Vice President and Group Executive for Engineering and Construction."
163	304	2	Following "submitted" insert "to FERC"
168	309(b)	9	"hould" should be "should"

Respectfully submitted,



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