



July 1, 2010  
NND-10-0256

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

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Subject: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 Combined  
License Application (COLA) - Docket Numbers 52-027 and 52-028  
SCE&G Response to RAI 4837 Revision 2

- References: 1. Summary of June 24, 2010 phone call with Summer to discuss FSAR  
Table 1.9-202 (ML1017505891)
2. Request for Additional Information No. 4837 Revision 2 received June  
25, 2010.

As summarized in Reference 1 above, SCE&G discussed with the staff the exception in VCSNS Units 2 and 3 COLA Table 1.9-202 associated with Regulatory Guide (RG) 1.206. Based on these discussions with NRC staff and as identified in Reference 2, site specific revisions to Table 1.9-202 (Sheet 2 of 20), Criteria Section 2.5.2 are being provided in the attachment to this submittal. Changes are noted with green underlined text for insertions, and red strike through text for deletions. The attached COLA changes will be incorporated in Revision 3 of the VCSNS Units 2 and 3 COLA.

Should you have any questions, please contact Mr. Alfred M. Paglia by telephone at (803) 345-4191, or by email at [apaglia@scana.com](mailto:apaglia@scana.com).

I declare under penalty of perjury that the foregoing is true and correct.

Executed on this 1<sup>st</sup> day of July, 2010.

Sincerely,

Ronald B. Clary  
Vice President  
New Nuclear Deployment

JEF/RBC/jf

Attachment

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Attachment I

VCSNS FSAR Table 1.9-202 (Sheet 2 of 20),  
Criteria Section 2.5.2

(1 Total Page)

**V. C. Summer Nuclear Station, Units 2 and 3  
COL Application  
Part 2, FSAR**

**Table 1.9-202 (Sheet 2 of 20)<sup>(a)</sup>  
Conformance with SRP Acceptance Criteria**

	Criteria Section <sup>(b)</sup>	Reference Criteria	FSAR Position <sup>(c)</sup>	Comments/Summary of Exceptions
VCS SUP 1.9-1	2.5.2	Vibratory Ground Motion, Rev. 4, 03/2007	Exception	Exception is taken to the guidance in R.G. 1.206 (C.III.4-2.5.2.4) <del>that 0.05 and 0.95 fractile hazard curves be provided. These were not run.</del> Hazard curves were run at 0.15 <sup>th</sup> and 0.85 <sup>th</sup> <u>percentile fractiles</u> instead of 0.16 <sup>th</sup> and 0.84 <sup>th</sup> <u>fractiles</u> as they are very close approximations (+/- 1 sigma). 100Hz amplitude frequencies for mean and fractile rock UHS were not run; instead 0.5Hz was run.