

October 11, 2011

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE COMMISSION

In the Matter of )  
 )  
SOUTHERN NUCLEAR OPERATING CO. ) Docket Nos. 52-025-COL and 52-026-COL  
 )  
(Vogtle Electric Generating Plant )  
Units 3 and 4) )

JOINT MOTION FOR TRANSCRIPT CORRECTIONS

Pursuant to the Commission's instructions in its Order dated October 3, 2011, the parties to the mandatory hearing in this proceeding jointly request that the corrections described below be made to the transcript of the mandatory hearing held in Rockville, Maryland, on September 27-28, 2011. See Order (Setting Deadline for Proposed Transcript Corrections) (Oct. 3, 2011) (unpublished).

A. September 27, 2011

The following table identifies the NRC staff's corrections to the transcript for September 27, 2011.

Page	Line	Correction
<i>passim</i>		Change "WHERUPON" to "WHEREUPON"
<i>passim</i>		Change "staffs" to "staff's"
1	4	Change by removing text: Atomic Safety and Licensing Board Panel
1	17	Change "trial" to "hearing"
2	9 -12	Move the text to be above line 8 (Ms. Sutton appears on behalf of Southern Nuclear Operating Company)

Page	Line	Correction
	14-18	Add Ann Hodgdon, Esq. and Patrick Moulding, Esq. 11555 Rockville Pike, Rockville, Maryland 20852-2738 (They appear on behalf of the staff of the United States Nuclear Regulatory Commission)
3	3	Change "Schaff" to "Schaaf"
12	7	Change "Nuclear Regulatory Committee" to "Southern Nuclear Operating Company"
13	5	Change "Ray" to "Wray"
14	10 22	Change "Mrowcaca" to "Mrowca" Change "Southern Nuclear Operating Company" to "the staff of the Nuclear Regulatory Commission"
15	7	Change "Ray" to "Wray"
16	12	Change "Mrowcaca" to "Mrowca"
18	7 23 24	Change "tabled" to "table" Change "NRC1" to "NRC000001" Change "NRC10" to "NRC000014"
40	10 16 19	Change "Shaff" to "Schaaf" Change "Asstulewicz" to "Akstulewicz" Change "Shaff" to "Schaaf"
41	5 23	Change "Shaff" to "Schaaf" Change "2,600" to "26,000"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
42	6	Insert "impact" between the words "environmental" and "statement"
	7	Change "provide" to "provided"
	11	Change "preformed" to "performed"
43	11	Change "Shaff" to "Schaaf"
	13	Change "slides" to "slide"
	18	Change "FCR" to "CFR", Change "The" to "the"
44	3	Change "field" to "backfill"
	4	Change "mess" to "mats"
	20	Change "The" to "the"
45	19	Insert "reference" between "AP1000" and "combined"
	22	Insert "review of the" between "the" and "Bellefonte"
	25	Change "article" to "RCOL"
46	5	Change "instilling" to "installing"
	14	Change "and" to "in"
	15	Change "Secy" to "SECY"
47	2	Insert a period after "NUREG"
	3	Change "to" to "the"
	5	Change "New Start" to "NuStart"
	6	Change "article" to "RCOL"
	8	Change "article" to "RCOL"
	12	Change "design center" to "design-centered"
	21-22	Capitalize the first letters to read: "Advisory Committee on Reactor"

Page	Line	Correction
		Safeguards”
48	7	Remove “[spelled phonetically]”
	13	Change “ACR” to “ACRS”
	22	Change “2001” to “2011”
49	3	Change “basis” to “bases”
	14	Change “CRF” to “CFR”
	15	Change “document4ed” to “documented”
	22	Change “dually” to “duly”; put a “.” after “made” and capitalize “As”
	23	Change “two” to “to”
50	5	Change “act” to “Act”
	9	Change “plans” to “plants”
	24	Change “Schaff” to “Schaaf”
51	5	Change “Schaff” to “Schaaf”
	9	Change “this” to “its”
	11	Change “intensity of” to “10 CFR”
	12	Delete the word “our”
	12	Change "1022" to "102(2)"
	15	Change “5175” to “51.75”
	17	Change “5192” to “51.92”
	23	Change "associating" to "associated"
52	4	Insert "a" after "publishing"
	4-5	Change “federal register” to “Federal Register”

Page	Line	Correction
	9	Change "5126 D" to "51.26(d)"
	25	Change "finale" to "final"
53	6	Change "FLWAs" to "LWAs"
	8	Change period after "information" to semi-colon
	10	Insert a semi-colon after "EIS"
	10	Change comma after "agencies" to semi-colon
	13	Change comma after "EIS" to semi-colon
	14	Change "in" to "and"
	20	Change "51 107 A" to "51.107(a)"
	22	Change "available" to "the Vogtle"
	17	Change "50.10 A" to "50.10(a)"
	23	Insert " NEPA" between "with" and "Section"; Change "102, 2 A" to "102(2)(A)"
54	1	Change "concords" to "comports"
	2	Delete comma after "10CFR"; Insert comma after "Part 51"
	3	Change "and" to "in"
	4	Change "sites" to "SEIS"
	6	Change "sites" to "SEIS"
	8	Change "1022 C" to "102(2)(C)"
	10	Insert semi-colon after "action"
	11	Insert semi-colon after "effects"
	13	Delete comma after "information"
	13	Change comma to semi-colon after "review"

Page	Line	Correction
	15	Delete comma after "maintenance"
	15	Change comma to semi-colon after "productivity"
	19	Change "if" to "it"
	19	Delete comma after "NEPA"
	20	Change "1022 C" to "102(2)(C)"
	22	Delete comma after "NEPA"; Change "1022 E" to "102(2)(E)"
55	1	Change "citing" to "siting"
	2	Change "or" to "on"
	12	Insert comma after "economic"; Insert comma after "environmental"
	22	Change "were" to "will"
56	9	Change "need for" to "NEPA"
	13	Change "cCmmission's" to "Commission's"
	15	Change "folks" to "focus"
57	4	Change "shillbilling" to "shield building"
	5	Delete "[spelled phonetically]"
59	2	Change "licensed" to "license"
	9	Change "affect" to "effect"
	21	Change "licensed" to "license"
	23	Change "Change "licensed" to "license"
60	9	Change "licensed commission?" to "license condition."; Change "hardened" to "hard and"
61	5	Change "they" to "then"

Page	Line	Correction
	22	Insert "I" between "while" and "think"
62	22	Change "overtime" to "over time"
63	8, 9	Change "council" to "counsel"
	16	Change "council" to "counsel"; insert "is" before "that"
64	7	Delete the comma after "basis"
	11	Insert "in the SEIS" after "conclusion."; delete the period after conclusion
65	19	Change "REI" to "RAI"
68	11	Change "under every" to "in the early"
	14-15	Change "LDRA" to "LWA" and delete "[spelled phonetically]"
69	9	Change "Southern Nuclear Operating Company" to "the staff of the Nuclear Regulatory Commission"
	14	Change "LWA" to "LWA-1"
	15	Change "LWA" to "LWA-1"
70	13	Insert "It is safe." after "It's safe."
71	2	Change "alternate" to "operating"
	5	Change "mind" to "mine"
73	8	Change "50/59" to "50.59"
76	24	Change "veiws" to "reviews"; Change "accumulative" to "cumulative"
78	8	Change speaker identified as "CHAIRMAN JACZKO" to "MICHAEL JOHNSON"
	11	Change "Southern Nuclear Operating Company" to "the staff of the"

Page	Line	Correction
	17	Nuclear Regulatory Commission” Change “[unintelligible]” to “mission”
	21	Change “TDA” to “TVA”
	22	Change “neap of” to “NEPA”
79	6	Change "than" to "in"; Delete period after NEPA; Change "Then" to "then"
	7	Change “farms” to “forests”
80	12	Change “Southern Nuclear Operating Company” to “the staff of the Nuclear Regulatory Commission”
	21	Change “actions when” to “accidents than”; Change "and some" to "in terms"
81	19	Change "NEA" to "an EA"; Change “NEIS” to “an EIS”
84	1	Delete “Eddie Grant”
	7	Change “[unintelligible]” to “New Reactors”
	10	Change “construction, engineering, and NRO” to “structural engineering in NRO”
91	24	Change “[unintelligible]” to “safety”
	25	Change “Heavy” to “Heavily”
92	2	Change “[unintelligible]” to “Electric Generating Plant”
	5	Delete comma after “FSAR” and un-capitalize the N in “Numerous”
93	2	Change “all” to “or”
	22	Add “the” after “against”
	23	Change “appendix” to “Appendix”

Page	Line	Correction
95	14	Insert "STAFF" after "NRC"
	19	Change "Three And Four" to "Three and Four"
	21	Change "70.22B" to "70.22(b)"
	24	Change "70.32C" to "70.32(c)"
96	3	Change "and" to "an"
	9	Change "70.17A" to "70.17(a)"
97	21	Change "where" to "were"
98	18	Change "[unintelligible]" to "section of the FSAR in which the"
	24	Change "likely" to "directly"
99	4	Change "plate" to "plated"
	10	Insert "between the issuance" after "period"
	17	Change "material" to "materials" and delete the comma after "materials"; Change "licensee" to "licensees"
	18	Insert a period after "finding"; capitalize the T in the (next word); change "the" (last word in line) to "these"
19	Add "are" before "met"	
100	18	Delete "all"
	22	Change "70.22A1" to "70.22(a)(1)"
	24	Insert "to" after "prior"
101	7	Change "[unintelligible]" to "equipment"
	8	Change "70.22A7" to "70.22(a)(7)"; Change "A8" to "a (8)"
	12	Change "50.68B" to "50.68(b)"

Page	Line	Correction
	12	Change "meet" to "meets"
103	6 8 9	Change to "[unintelligible]" to "physical" Change "made" to "met" Change "78.67G" to "73.67(g)"
104	1 2 13 18 24	Change "aspect" to "aspects" Change "review" to "reviewed" Insert "issued" after NRC Change "include" to "includes" Insert "the" after "with"
105	18 20 21	Capitalize the first letters of "site safety analysis report" Insert "9" after "condition" Change "radiances" to "variances"
106	11 13	Change "Part" to "part" Change "value" to "values"
107	1 2 10 14 16 18 21	Change "of" to "for" Change "can" to "and" Change "actual" to "accidental" Add "for control room habitability" after "evaluated" Insert "site" after "appropriate" Delete "[unintelligible] AP100 ACD [unintelligible]" and replace with "versus AP1000 DCD" Change "these" to "those"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
	23	Change “the AP1000 ACD” to “revisions to AP1000 DCD”
	24	Change “Let me just clarify” to “Westinghouse clarified”
108	4	Change “the” to “this”
	7	Change “we’re already evaluating” to “temperature values were already evaluated”
	9	Change “characteristic value remains bounder” to “site values remain bounded”
	10	Delete the period after “AP1000”; Insert “staff” in between “the” and “found”
	20	Change “IDR” to “IBR”
	24	Change “[unintelligible]” to “COL”
109	6	Change “release” to “relief”
	12	Change “plant chief” to “branch chief”
	15	Change “stats” to “staff’s”
110	7	Change “aircraft’s” to “aircraft”
	9	Change “and the fact” to “in the fact”
111	15	Change “[unintelligible]” to “possesses”
	18	Change “engineer” to “engineering”
112	7	Change “consultant” to “consultants”
113	2	Change “pass” to “path”
	18	Change “ESPSSAR” to “ESP SSAR”
	19	Add “material” after “membrane”

Page	Line	Correction
114	17	Change “reg” to “rev.”
	25	Change “Shame” to “Shams”
115	2	Change “require” to “requires a”
	13	Insert “actually” after “8”
	16	Change “he” to “they”
	16	Change “[unintelligible] requir[e]” to “analysis that no prior approval required”
	17	Change “[unintelligible]” to “the rest of the”
	18	Change “departure” to “departures”
	19	Change “application say that [unintelligible]” to “the application actually say that no prior approval”
	21	Change “[unintelligible]” to “we did our part of”
116	12	Change “FSCR” to “FSAR”; Change “[unintelligible]” to “3 plants which they have a license for as well as over 30 years of operating”
	14	Change first “[unintelligible]” to “NSSS vendors”; change second “[unintelligible]” to “A and E as well as the other constructor”
	19	Change “[unintelligible]” to “our”
117	3	Change “[unintelligible]” to “Applicant’s FSAR”
	4	Change “[unintelligible]” to “generic communications”
	5	Change “request” to “to address”
	6	Change “[unintelligible]” to “like generic letters, bulletins”
	20	Change “[unintelligible]” to “in a case for”

Page	Line	Correction
	24	Change "For" to "Good"
	24	Add "in" after "give you"
	25	Change "FSCL" to "FSAR"
118	1	Change "[unintelligible]" to "inaccessible"; Change "[unintelligible]" to "condition monitoring"
	5	Change "[unintelligible]" to "We will be"
	16	Change "[unintelligible]" to "enveloped"
	17	Change "valve" to "ground"
	18	Change "[inaudible] sector 4 beside" to "response spectra-4 for the site"
	19	Change "built within" to "dealt with"
120	24	Change "Southern Nuclear Operating Company" to "the staff of the Nuclear Regulatory Commission"
121	3	Change "at" to "in"
	5	Insert "licensee" after "the"
122	11	Change "[inaudible]" to "Yes, take a shot."
	13	Change "waterproof a" to "waterproofing"
	14	Change "[unintelligible]" to "coefficient of"
	21	Change "reports" to "the report"
123	15	Change "FSER" to "FSAR"
	16	Change "[unintelligible]" to "oversight"
124	11	Change "exemption" to "exception"
	13	Change "where there's" to "versus"

Page	Line	Correction
	13	Change "exemption" to "exception"
	16	Delete both "[unintelligible]"
125	10	Delete "[unintelligible]"
	10	Change "techno" to "technical"
	16	Change "Southern Nuclear Operating Company" to "the staff of the Nuclear Regulatory Commission"
	20	Change "NSER" to "NSIR"
128	17	Change "[unintelligible]" to "add to that"
	21	Change "Southern Nuclear Operating Company" to "the staff of the Nuclear Regulatory Commission"
129	3	Change "coal" to "COL"
	13	Change "adaptive" to "a depth of"
130	24	Change "context" to "contents"
133	5-6	Change "NRC project manager with [unintelligible]" to "senior project manager, Office of New Reactors"
	15	Change "[unintelligible] Integrity Bands" to "Component Integrity Branch"
140	23	Add "the review of" after "involved in"
141	2	Add "standard" after "AP1000"
	4	Change "site specific" to "site-specific"
	4, 5	Change "specter" to "spectra"
	9	Change "general design criteria two" to "General Design Criteria 2"
	10	Change "phenomenon" to "phenomena"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
	15	Add comma after "beam"
	20	Change "surround" to "surrounds"
	25	Change "enveloped form [unintelligible]" to "envelope formed by the"
142	2	Change "construct a response specter" to "compare the in-structure response spectra"
	2	Change "in structure" to "in-structure"
	3	Change "specter" to "spectra"
	4	Change "applicants" to "applicant's"
	6, 7	Change "hertz" to "Hertz"
	11	Change "applicants" to "applicant's"
	12	Change "plant" to "plan"
	17	Delete "predicted levels of"
	20	Change "island" to "islands"
143	1	Change "sheer" to "shield"
	1	Change "applicants" to "applicant's"
	2	Change "the" to "a"
	4	Add comma after "that"
	9	Change "labs" to "slabs"
	12	Change "50.10D" to "50.10(d)"
	14	Change "labs" to "slabs"
	15	Delete "[spelled phonetically]"
	17	Change "imbedded" to "embedded"
	19	Change "lab" to "slab"

Page	Line	Correction
	20, 25	Change “labs” to “slabs”
144	1 3 4 6 8 9 10 11 12 13 14	Add comma after “analysis” Change “ACI349” to “ACI 349” Change “lab” to “slab” Change “labs” to “slabs” Change “a” to “the” Change “lab” to “slab” Change “section three point eight five” to “Section 3.85” Change “FSR section 3.8.5,” to “SER section 3.8.5.” Change “consequently” to “Consequently,” Change “50.10D” to “50.10(d)” Change “labs” to “slabs”
145	2 5 7 8 10 17 17 19 21	Delete the comma after “sump” Change “QME1 [spelled phonetically]” to “QME-1” Change “safe related” to “safety-related” Change “QME17” to “QME-1-2007”; Change “three” to “3” Change “QME1, 2007” to “QME-1-2007” Change “exist” to “exists”; Change “squib valves and” to “squib valves are” Change “to” to “through” Add comma after “Pennsylvania”
146	4 7	Change “QME1, 2007” to “QME-1-2007” Change “that” to “the”

Page	Line	Correction
	8	Change "10CFR50.55A" to "10 CFR 50.55a"
	9	Change "addition" to "edition"
	11	Change "of the" to "in"; Change "reactors. That" to "reactors that"
	15	Change "addition" to "edition"
	16	Change "50.55A" to "50.55a"
	22	Add "OM" after "ASME"
	24	Change "additions" to "editions"
	24	Delete "a"
147	1	Change "50.55A" to "50.55a"
	4	Change "Recent" to "Commission"
	10	Change "to" to "could"
	12	Change "50.55A" to "50.55a"
	15	Change "operating" to "operational"
	16	Change "10CR50.55A" to "10 CFR 50.55a"
148	13	Change "provides" to "provide"
	21	Add "system" after "cooling"
	22	Change "design the passive" to "design. The passive"
149	18	Change "lakes" to "legs"
	25	Change "decayed" to "decay"
150	11	Change "line is" to "lines"
	20	Change "driving" to "driven"
	24	Change "to" to "component of"

Page	Line	Correction
151	6 13 18	Change “annulist [spelled phonetically]” to “annulus” Add “the” before “evaporative” Change “service” to “surface”
152	2 5 11 19 21, 22 23 24	Change “to revise” to “a revised” Change “AC arrest review book reviewed” to “ACRS reviewed both” Delete “ability of” Change “astringent” to “a stringent” Change “installation” to “insulation” Change “reflecting” to “selecting” Add “reduction” after “negligible”
153	1 15 18 21 22 22	Change “verify” to “verifies” Change “vary” to “varied” Change “loco” to “LOCA” Change “post-loc” to “post-LOCA” Change “stats reviews” to “staff’s review is” Change “FSER, the ACS review” to “FSER. The ACRS review”
154	2 12 13 14	Change “ACOS” to “ACRS concerns” Delete “in” after “found” Change “has” to “had”; Delete “to” before “design” Add “of” after “use”
155	5 23	Change “[unintelligible]” to “P <sub>a</sub> ” Change “are” to “or”

Page	Line	Correction
	24	Change “[unintelligible]” to “ $\chi/Q$ ”
156	10	Change “[unintelligible]” to “an eductor”
	11	Change “and particulate” to “a particulate”
	16	Change “not move on the” to “now move on to the”
157	4	Change “was” to “is”
	9	Change “for work” to “forth”; Change “5046” to “50.46”
	17	Change “two tier star” to “Tier 2 star”
	18	Change “text backs” to “Tech specs”
	22	Change “he toxic chemical” to “the toxic chemicals”
	25	Change “bi-sulfate has” to “bisulfate had”
161	11	Change “programmatic” to “program”
	15	Change “FSER” to “FSAR”; Change “IC” to “IST”
	16	Change “[unintelligible]” to “ASME OM”
162	10	Add “had them” before “specify”
	24	Change “addendum” to “addenda”
163	20	Change “IC” to “IST”
165	7	Change “use” to “used”
	17	Change “totally” to “total”
166	10	Change “valuable” to “invaluable”
	25	Change “concern” to “early”
167	23	Change “steps-by-steps” to “step-by-steps”

Page	Line	Correction
168	17	Change “plan is to” to “plants”
	19	Change “[unintelligible]” to “liquid”
	21	Change “valiant” to “propellant”
	24	Add “and” after “propellant”
169	5	Delete “test” after “times of”
	6	Change “[unintelligible]” to “testing them”
	9	Change “shards” to “charges”
170	7	Change “INC” to “I&C”
	23	Change “free-filled” to “free-field”
	25	Change “free-fill” to “free-field”; Change “[unintelligible]” to “Vogtle”
171	20-21	Change “no SSE’s with relevant” to “no SSCs with resonant”
172	14	Change “call” to “COLA”
	17	Change “[unintelligible]” to “soil”
173	1-2	Change “free-fill” to “free-field”
	4	Change “instructure” to “in-structure”
174	16	Change “there at” to “in”; Change “CR” to “SER”
	17	Change “[unintelligible]” to “valve”
175	1	Change “55A” to “55a”
	6	Delete “of” after “next”
177	10	Change “55A” to “55a”
	10	Change “and add additions to” to “that edition of”
	11	Add “have” before “the industry”

Page	Line	Correction
178	7  19 20 21	Change “we the FSAR, we our operational” to “we have the FSAR, we have operational”  Change “base” to “basis”  Change “[unintelligible]” to “earthquake”  Change “o” to “to”
179	5	Change “use” to “have used”; Change “on” to “at some”
180	10  16  19	Change “sore” to “soil”  Change “if” to “is”  Change “bandwidths” to “bandwidth”
181	7  9  19	Change “sole” to “soil”  Change “[unintelligible]” to “media”  Change “controlled inhabitability” to “control room habitability”
Multiple		Change “10CFR” to “10 CFR”
Multiple		Change “50.54 HH2” to “50.54(hh)(2)”
183	1  1  2  3  5  7  10	Change “MROWCACA” to “MROWCA”  Change “super” to “severe”  Change “grant” to “branch”  Change “reliability risk” to “reliability and risk analyst”  Change “RAVIDRA” to “RAVINDRA”  Change “Denis” to “Denise”  Change “MARK CARUSO” to “WESLEY SPARKMAN”
194	1	Change “occurred” to “occur”

Page	Line	Correction
	4	Change “out” to “at”
	18	Add “response” between “design” and “spectra”
195	25	Change “SSEs” to “SSCs”
196	5	Change “ESB” to “ESP”
	22	Change “pulling” to “polling”
198	12	Change “frequency” to “frequencies”
	20	Change “main” to “mean”
	23	Change “probably” to “probable”
199	7	Add “materials” after “hazardous”
200	10	Change “we” to “I”
	14	Change “LOLA -- [unintelligible] –“ to “Vogtle LOLA”
	16	Change “[unintelligible]” to “Andrukat”
	18	Change “III and IV” to “3 and 4”
	25	Change “1CFR” to “10 CFR”
201	4-5	Change “special information and proven commitments” to “sufficient information, including commitments”
	6	Change “10CFR52.80(d)” to “10 CFR 52.80(d)”
	9	Change “or” to “and”
	9	Change “strategy” to “strategies”
	16	Change “Internal” to “Interim”
202	6	Change “on” to “of”
	7	Change “limitation by” to “implementation via”

Page	Line	Correction
	7	Change “in” to “and”
	22	Add “in” after “included”
203	5	Change “[unintelligible]” to “release of radio”
	5	Change “activity” to “radioactivity”
	9	Change “endorse” to “endorsed”
	20	Change “assessment” to “assessments”
	25	Change “classifiable safeguard” to “Classified and Safeguards”
204	17	Change “[Unintelligible] – experience to manage – [unintelligible] –” to “A team of individuals knowledgeable and experienced in matters pertaining to LOLAs”
205	1	Change “under” to “of the”
	6	Change “[unintelligible]” to “Andrukat”
	8	Change “10CFR50.150” to “10 CFR 50.150”
	21	Change “mitigating” to “mitigative”
	24	Change “[unintelligible]” to “radios,”
	25	Change “in” to “and”
206	1	Change “[unintelligible]” to “mustered”
	5	Add “commit to” before “include”
	9	Change “mitigating” to “mitigative”
	16	Change “staff” to “staff’s”
	19	Change “Section 52.80(d) – [inaudible] – basis” to “Section 52.80(d), the regulatory basis”

Page	Line	Correction
207	1 3 5 23	Change “and classified” to “unclassified” Change “[unintelligible]” to “under 10 CFR 2.390(d).” Change “basis” to “bases” Change “mitigating” to “mitigative”
208	2 11	Change “[unintelligible]” to “Maintenance” Change “applicant – [unintelligible] –” to “applicant’s submittal”
209	14	Change “design” to “design-related”
210	18 21	Change “Bais” to “Basis” Change “assume” to “assumes”
211	4 10 16	Change “plant” to “the primary” Change “CheckPLus” to “CheckPlus” Delete “NRC”
212	4 5 8 12 14 15 16 21	Change “AP100DCD” to “AP1000 DCD” Change “10CFR 52. 79(a)(1)” to “10 CFR 52.79(a)(1)” Add “Staff’s” before “FSER” Change “referred to as” to “which is known as” Change “AP1 000” to “AP1000” Change “radiological” to “rad” Delete “or rad consequences” Change “acomparison” to “a comparison”
212-213	Multiple	Change “XIQ” to “ $\chi/Q$ ”  [page 212 lines 12, 13, 17, 19, 24; page 213 lines 1, 5]

Page	Line	Correction
213	4	Change “of” to “for”
	6	Delete “the”
	11	Change “AP1000” to “AP1000”
	14	Change “continue with” to “cover the”
	22	Change “INC” to “I & C”
214	14	Change “INC” to “I & C”
216	17	Change “INC” to “I & C”
	24	Delete “COL”
217	6	Add “via” before “230/500”
	14	Change “YR5” to “via 5”
	16	Change “4500” to “500”
	19	Change “SBA” to “SBAA”
	24	Delete “COL”
219	22	Change “1 E” to “1E”
222	5	Change “[Unintelligible] – comparison?” to “I’ll ask Malcolm Patterson”
	12	Change “a similar one” to “I had a similar role”
	13	Delete “as” before “they are”
223	21-22	Change “I just want to add that for individual license condition they do have the information (unintelligible).” to “I just want to add that for each of the individual license conditions they do have implementation milestones like fuel (unintelligible).”
224	14	Change “information” to “instrumentation and”

Page	Line	Correction
	15, 16	Change “INC” to “I&C”
	17	Change “(inaudible)” to “Tech specs allowed outage”
	18	Change “desk” to “DAS”
	22	Change “[unintelligible]” to “software”
226	13	Change “REIs” to “RAIs”
227	4-5	Change “it was in” to “using”
	22	Change “locking” to “blocking”
228	7	Change “was” to “is”
	8	Change “These” to “Needs to”
	12	Change “force” to “four”; Change “KB” to “kV”
	13	Change “switch” to “switchyard”
	23	Change “Tanya” to “Tania”
229	8	Change “regular” to “review”
	16	Change “in structured” to “in-structure”
	17	Add “CSDRS” after “the”
	24	Add “point” after “just a”
230	4	Change “IDR” to “IBR”
	9	Add “process” after “SSI”
	23	Change “GNRS” to “GMRS”
233	1	Change “571H1” to “50.71(h)(1)”
	10	Change “want make” to “want to make”
	15	Change “who” to “we”

<b>Page</b>	<b>Line</b>	<b>Correction</b>
	18	Change “perform” to “performed”
235	3	Delete “mud”
	13	Change “the” to “one”
	20	Change “but” to “and”
	21	Change “haven’t” to “have”
	21	Change “retaining” to “maintaining”; Change “but they haven’t made the commitments” to “and they have made commitments”
	23	Change “strategists” to “strategies”
	24	Change “insure” to “ensure”
236	23	Change “boiler” to “building”
237	17	Change “range” to “winds”
	17	Change “[unintelligible]” to “a seiche”
238	15	Change “[unintelligible]” to “Chapter 8”
	19	Change “Tonia” to “Tania”
240	19	Change “ERA” to “PRA”
	24	Change “feeding” to “exceeding”
241	23	Change “fire” to “failure”

B. September 27, 2011

The following table identifies Southern Nuclear Operating Company's corrections to the transcript for September 27, 2011.

Page	Line	Correction
Passim		Change "new start" to "NuStart" Change "New Start" to "NuStart"
Passim		Change "10CFR" to "10 CFR"
2	8	Change "the United States Nuclear Regulatory Commission" to "Southern Nuclear Operating Company"
3	2	Change "110" to "19"
3	3	Change "131" to "40"
3	4	Change "160" to "69"
3	5	Change "169" to "78"
3	6	Change "171" to "80"
3	7,9	Change "174" to "83"
3	10	Change "211" to "119"
3	11	Change "212" to "120"
3	12	Change "217" to "125"
3	13	Change "220" to "128"
3	15	Change "224" to "132"
3	16	Change "239" to "147"

Page	Line	Correction
3	17	Change "292" to "200"
3	18	Change "316" to "224"
3	19	Change "320" to "228"
3	20	Change "323" to "231"
4	6,8,10,12, 14,16,18, 20,22,24	Change "109" to "18"
4	18	Change "SNC000008" to "SNCR00008"
4	22	Change "SNC000010" to "SNCR00010"
10	13	Change "Chair" to "Chairman"
10	15	Change "to call" to "to read - call"
12	7	Change "Nuclear Regulatory Committee" to "Southern Nuclear Operating Company"
14	22	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
18	2	Change "applicants" to "applicant's"
18	3	Change "SNC0000009" to "SNC000009"
18	4	Change "SNCR000008" to "SNCR00008"
	4	Change "applicants" to "applicant's"
18	7	Change "tabled" to "table"
20	19	Change "of" to "reviewing of"
23	2,6	Change "rule making" to "rulemaking"

Page	Line	Correction
23	19	Change “mouse [spelled phonetically]” to “analysis”
23	22	Change “intensive R52” to “10 CFR Part 52”
23	25	Change “permits” to “permit”
24	4,6	Change “row is” to “role as”
24	17	Change “could apply” to “could then apply”
24	20	Change “center” to “centered”
	20	Change “consisted” to “consists”
25	6	Change “NRC early review” to “NRC review”
25	11	Change “TV” to “TVA”
25	17	Change “B three and 4” to “be – 3 and 4”
25	20	Change “applicable” to “the applicable”
25	23	Change “port” to “report”
25-26	25,1	“immicable [spelled phonetically]” to “inimicable”
26	4	Change “Industar [phonetic]” to “NuStart”
26	13	Change “permits” to “permit”
	13	Change “material, as” to “material. As”
26	15	Change “material, the” to “material. The”
26	16	Change “described” to “is”
26	19	Change “older” to “holder”
	19	Change “in” to “and”

<b>Page</b>	<b>Line</b>	<b>Correction</b>
27	1	Change "as back" to "as site back"
27	4	Change "demonstrate the" to "demonstrate that the"
27	6	Change "were" to "where"
28	1	Change "license supplemental" to "license final supplemental"
28	3	Change "no new and additional" to "no additional new and"
29	12	Change "going, training:" to "going, and training"
29	14	Change "both maintaining" to "maintaining both"
30	9	Change "delayed" to "delay"
30	14	Change "that's partially" to "that's a partially"
30	25	Change "sense, we" to "sense, that we"
31	1	Change "or" to "of"
31	12	Change "little bit more" to "little more"
31	20	Change "it depends" to "it did depend"
32	10	Change "can take" to "can take is an option"
33	10	Change "sections specifically" to "sections that'll be specifically"
34	2,3	Change "was" to "is"
34	4	Change "seam less" to "seamless"
34	20	Change "you just look at" to "you look at just"
35	5,7	Change "SP" to "ESP"
37	2	Change "received" to "receive"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
	2	Change "made" to "amendment"
37	6	Change "so last year 11" to "so ISG-11"
37	13	Change "now changes" to "now this changes"
37	18	Change "amendments can really" to "amendments really can"
38	20	Change "that" to "let's say"
68	9	Change "LWA1" to "LWA 1"
68	11	Change "under every" to "in the early"
68	13	Change "-- with the plant" to "plant"
68	14-15	Change "LDBA [spelled phonetically]" to "LWA"
69	9	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
78	11	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
80	12	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
83	16	Change "SCC Mobile Units Three and Four" to "SNC Vogtle Units 3 and 4"
83	19-20	Change "licensing sportly, new start" to "Licensing Support Lead for NuStart"
84	1	Delete "EDDIE GRANT"
84	14	Change "Chapter" to "Chapters"
84	15-16	Change "Mobile Units Three and Four" to "Vogtle Units 3 and 4"
84	17	Change "quest" to "request"
84	18	Change "license" to "licenses"
84	19	Change "in" to "and"

Page	Line	Correction
84	23	Change "licensing" to "license"
84	25	Change "special" to "special nuclear"
85	1	Change "specify" to "specific"
85	2	Change "applicants," to "applicants"
	2	Change "provide" to "be provided"
85	3	Change "material" to "materials"
	3	Change "SCC" to "SNC"
85	7	Change "to this" to "for the"
85	8	Change "COLA [spelled spelled phonetically]" to "COLA"
85	9,12,13	Change "SR" to "FSAR"
85	13	Change "were" to "was"
85	17	Change "applications, these" to "applications. These"
85	20	Change "[unintelligible]" to "new fuel"
85	23	Change "to qualified" to "to a qualified"
85	25	Delete "[spelled phonetically]"
	25	Change "manufacture" to "manufacturer"
86	2	Change "by product" to "byproduct"
86	4	Change "10CFR 52103G" to "10 CFR 52.103(g)"
86	5	Change "on any" to "on receipt of any"
86	6	Change "local" to "Vogtle"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
86	9	Change "10CFR Part" to "10 CFR Parts"
86	10	Change "explicability" to "applicability"
86	12	Change "these" to "this"
	12	Change "that requirements" to "that the requirements"
86	14	Change "there's" to "there is"
86	18	Change "Vogle two's" to "the Vogle COL application"
86	18-19	Change "inner staff guidance, [unintelligible] G23" to "Interim Staff Guidance, ISG-23"
86	20	Change "application" to "applications"
86	24	Delete "[spelled phonetically]"
87	1	Change "controls in" to "controls on"
87	2	Change "S&C" to "SNC"
87	6	Change "global" to "Vogle"
87	8	Change "characteristics, for" to "characteristics. For"
87	10	Change "in ESP" to "in the ESP"
87	12	Change "and on" to "on"
	12	Change "and this" to "and in this"
87	13	Change "of we" to "of where we"
87	17	Change "were resolved" to "were not resolved"
87	23	Change "were" to "are"
88	3	Change "comprehensive a listing" to "comprehensive listing"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
88	24	Change "approval of" to "approval of a"
89	12,20,25	Change "EPS" to "ESP"
89	25	Delete "what"
	25	Change "Alfa" to "Alpha"
90	2	Change "design, this" to "design. This"
90	8	Change "scoop" to "scope"
90	19	Change "and" to "and in"
90	21	Change "appendixes" to "appendices"
91	2	Change "Section 33," to "Section 3.3"
	2	Change "331" to "3.3-1"
91	9	Change "release" to "relief"
119	12	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
120	24	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
125	16	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
126	17	Change "needed. It" to "needed, and it"
	17	Change "that we" to "that was"
126	19	Change "we had concurred" to "we concurred"
126	20	Change "[inaudible]" to "were fine with"
127	22	Change "all in" to "island"
128	14	Change "main" to "mean"

Page	Line	Correction
128	21	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
132	15	Delete "RAVINDRA JOSHI"
132	19	Delete "THOMAS SCARBROUGH"
133	1	Change "CLL [spelled phonetically]" to "COL"
133	3-4	Change "licensing support lead from New Start" to "Licensing Support Lead from NuStart"
133	After line 4	Add: "WHEREUPON, RAVINDRA JOSHI THOMAS SCARBROUGH was called as a witness for the Nuclear Regulatory Commission and, having been first duly sworn, assumed the witness stand, was examined and testified as follows:"
133	23	Change "will covering" to "will be covering"  Change "from three" to "from Chapters three"
133	24	Change "sole" to "soil"
133	25	Change "and action" to "interaction"  Change "out" to "our"
134	1	Change "for limiter" to "for a limited"
	1	Change "including a" to "included in"
134	3	Change "insurance" to "engineered"
134	4	Change "feature" to "features"
134	6	Change "turn over" to "turn it over"
134	8	Change "present a" to "present the"
134	9	Change "sole" to "soil"
134	11,12	Change "sector" to "spectra"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
134	16	Change “using” to “used”
	16	Change “of the structure” to “of structure”
134	20	Change “performed, a” to “performed. A”
134	22	Change “of the acceptability that” to “of acceptability of”
135	1	Change “specific profiles” to “specific soil profiles”
135	8	Change “sore block” to “soil rock”
135	10	Change “in structure” to “in-structure”
135	11	Change “sector” to “spectra”
135	15	Change “clan” to “plan”
135	17	Change “mono” to “model”
135	18	Change “designed” to “design”
135	19-20	Change “in structure” to “in-structure”
135	20,21	Change “sector” to “spectra”
135	20	Change “structural” to “in-structure”
136	3	Change “authorization,” to “authorization”
136	5	Change “this” to “its”
136	10	Change “the 10CRF50.10” to “10 CFR 50.10”
136	11	Change “for a limited” to “for limited”
136	14	Change “other main” to “LWA”
136	15	Change “sharing” to “assuring”

Page	Line	Correction
136	17	Change “request” to “requests”
136	19	Change “work,” to “work:”
	19	Change “reinforce and seal” to “reinforcing steel”
136	19,20	Delete “[spelled phonetically]”
136	20	Change “imbedded” to “embedded”
136	22	Change “island base layers” to “island foundation base slab”
136	23	Change “hearing” to “of preparing”
136	23,24	Change “site allocations” to “COL application”
136	25	Change “were” to “was”
	25	Change “or” to “and”
	25	Change “potentially would” to “had the potential”
137	1	Change “change” to “to change”
	1	Change “ESPEIS” to “ESP EIS”
137	2	Change “spark 5150” to “CFR 51.50”
137	3	Change “applications” to “application’s”
137	9	Change “ESPFEIS” to “ESP FEIS”
137	11	Change “documents” to “document”
137	12,16	Change “via” to “by”
137	14	Change “go into” to “address one of”
137	18	Change “question” to “questioned”

<b>Page</b>	<b>Line</b>	<b>Correction</b>
137	21	Change “adaptability” to “the operability”
137	24	Delete “and”
137	25	Change “valve” to “valves”
138	2	Change “as” to “that the”
138	3	Change “operation” to “operational”
138	11	Change “describe” to “include”
138	15	Change “systems, quality” to “systems, some quality”
138	16	Change “the FSAR” to “the COL FSAR”
138	17	Change “Lee-Craig [spelled phonetically]” to “leak-rate”
138	17	Change “in 6.6” to “in Section 6.6”
138	20	Change “respectively” to “respectively,”
138	25	Change “ensuring” to “assuring”
	25	Change “cooling” to “coolant”
139	15	Change “a appropriate” to “appropriate”
139	18	Change “1.96” to “1.196”
139	19	Change “and standard site” to “of standard and site”
139	20	Change “evaluation” to “evaluations”
177	16	Change “application” to “applicant”
177	17	Change “table on” to “table on this”
177	19-20	Change “I technically have” to “that I have technical”

Page	Line	Correction
177	21	Change “the as” to “the time as”
177	24	Change “light, consider” to “light, to consider”
	24	Change “that implementation” to “that for implementation”
178	7	Change “we the” to “we have the”
182	15	Change “probable” to “probabilistic”
182	22	Change “Sparkman, licensing” to “Sparkman, COL licensing”
182	24,25	Change “licensing support lead, New Start” to “Licensing Support Lead, NuStart”
183	9	Change “MALE SPEAKER: Mark, do” to “CHAIRMAN JACZKO: Do”
183	10	Change “MARK CARUSO” to “WESLEY SPARKMAN”
183	17	Change “rack” to “reactor”
	17	Change “uncertain” to “uncertainty”
183	17,18	Change “INCK [spelled phonetically] to “I&C key information”
183	18	Change “refernce” to “reference”
183	25	Change “of close to” to “assessment, thus”
184	10	Change “though, of” to “level”
184	11	Change “They get here a peak ground” to “That gives you a peak ground acceleration”
184	14	Change “the” to “a”
184	15	Change “perfection” to “liquefaction”
184	19	Change “screen” to screened”
184	22	Add “Thank You.” (at end of line)

Page	Line	Correction
184	23	Change "SR" to "FSAR"
184	24	Change "that site" to "the site"
185	1	Change "results of its" to "resultant"
185	7	Change "plan" to "plant" (both places)
185	8	Change "has" to "it is"
185	11	Change "APPGWGLR 101" to "APP-GW-GLR-101"
185	15	Change "mitigation events" to "mitigation of events"
185	16	Change "Tendency of our 5054" to "10 CFR 50.54"
185	19	Change "fuel cooling" to "fuel pool cooling"
185	22	Change "Vogtle 3" to "Vogtle units 3"
185	23	Change "mitigated" to "mitigative"
185	25	Change "10CFR50.80" to "10 CFR 50.80"
186	1	Change "commissions" to "Commission's"
186	2	Change "5280" to "52.80"
	2	Change "and NEI0612" to "in NEI-0612"
186	5	Change "leverage" to "leveraged"
186	5,6	Change "B5B" to "B.5.B."
186	7	Change "fuel cooling" to "fuel pool cooling"
186	10	Change "pipe" to "piped"
186	17	Change "and reactor" to "and the reactor"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
	17	Change “and mitigate” to “and to mitigate”
186	18	Change “due to” to “through the”
186	24	Change “address” to “addressing”
187	1	Change “regarded” to “provided”
187	6	Change “REIs” to “RAIs”
187	9	Change “-- [unintelligible] --” to “the VEGP 3 and 4”
187	10	Change “in NEI-06-12” to “Revision 3 of NEI-06-12”
187	11	Change “-- [unintelligible] -- ” to “10 CFR 52.80”
187	17	Change “In response” to “In the responses”
187	23	Change “50-54” to “50.54”
187	25	Change “features this” to “features for this”
188	1,3,6	Change “hard-pipe” to “hard-piped”
188	3,10	Change “a” to “the”
188	15	Change “prevention” to “protection”
188	22	Change “process, and” to “process. The”
189	7	Change “Now” to “A”
189	14	Change “installations” to “installation”
189	17	Change “provide” to “provided”
189	21	Delete “a”
190	13	Change “DCD. They were” to “DCD that was”

<b>Page</b>	<b>Line</b>	<b>Correction</b>
190	14	Change "Practically," to "Practically"
190	15	Change "by the DCD and" to "from the DCD in"
191	6	Change "it" to "that"
191	8	Change "identifies" to "identified"
191	9	Change "actions" to "action"
191	20	Change "addressed" to "addresses"
191	21	Change "often" to "also"
191	22	Change "the - - [unintelligible] --" to "by reference the NEI"
191	25	Change "inspections test" to "inspections, tests"
220	16	Change "- - [unintelligible] - -" to "I think at the very"
221	5	Change "- -" to "itself."
221	10	Change "- - [unintelligible] - -" to "INPO, I believe,"
221	14	Change "on" to "of"
225	13	Change "related off site" to "related to off site"
225	19	Change "I think this is on me" to "This is Amy"
225	20	Change "with" to "with some of"
225	22	Change "applications" to "application"
226	3	Change "AP1000DCD" to "AP1000 DCD"
226	11	Change "(inaudible)" to "for a minimum of"
226	12	Change "the interactions" to "interactions"

Page	Line	Correction
226	13	Change "REIs" to "RAIs"
233	25	Change "50-54HH" to "50.54(hh)"
234	4	Change "the" to "my"
234	7	Change "Phase 2, Phase 3" to "Phase 2 and Phase 3"
234	9	Change "three" to "three and four"
234	14	Change "pump would" to "pump, we'd"
235	3	Delete "mud"
235	4	Change "not normally be" to "not be normally"
235	5	Change "and, or" to "and/or"
235	6	Change "insure they" to "insure that they"

C. September 28, 2011

The following table identifies the NRC staff's corrections to the transcript for September 28, 2011.

Page	Line	Correction
244	4	Change by removing text: Atomic Safety and Licensing Board Panel
	17	Change "trial" to "hearing"
245	9 -12	Move the text to be above line 8 (Ms. Sutton appears on behalf of Southern Nuclear Operating Company)
	14-18	Add Ann Hodgdon, Esq. and Patrick Moulding, Esq. 11555 Rockville Pike, Rockville, Maryland 20852-2738 (They appear on behalf of the

Page	Line	Correction
		staff of the United States Nuclear Regulatory Commission)
248	6, 8	Change “Instant” to “Incident”
256	19	Change “CLR” to “COL”
257	8 13 17 22	Change “plan” to “plans” Change “plan” to “plant” Change “applications” to “application” Change “reference” to “referenced”
258	12 16 23	Change “addresses” to “address” Change “path of” to “passive” Change “agency’s” to “agencies’ ”
259	2 6 12	Change “plan” to “plant” Change “licensed” to “license” Delete “and”
260	13	Change “unit” to “unit’s”
261	16	Change “loads” to “load”
262	1 9 10 11 19 22	Change “Part 52 of the” to “Part 52, the” Change “instant” to “incident” Change “established” to “cyber” Add “power” after “nuclear” Change “7354” to “73.54” Change “[inaudible]” to “reactor”
263	2	Change “supports” to “support”

Page	Line	Correction
	8	Change “the past attack” to “the terrorist attacks”
	18	Change “[unintelligible]” to “Stuxnet”
	23	Change “[unintelligible] as” to “Stuxnet”
	25	Change “and” to “at”
264	12	Change “establish” to “cyber”
	13	Change “[inaudible]” to “reactor”
	16	Change “devised” to “revised”
	20	Change “commission issued 10CFR 73-54 established” to “the
		Commission issued 10 CFR 73.54 cyber”
	22	Change “[inaudible]” to “performance-based”
	23	Change “10CFR 7354” to “10 CFR 73.54”
	25	Change “importance of” to “important to”
	25	Change “emergence of” to “emergency”
265	2	Change “importance of” to “important to”
	2	Change “emergence of” to “emergency”
	12	Change “instant” to “incident”
	13	Change “mediate” to “mitigate”
	13	Change “consequence” to “consequences”
	14	Change “and establish” to “that established”
	23	Change “phases” to “basis”
266	9	Change “entire” to “cyber”
	11	Change “for vulnerability” to “or vulnerabilities”
	13	Change “established” to “cyber”

Page	Line	Correction
	18	Change “on, and” to “on an”
	19	Change “this” to “NIST”; Change “800-S-53” to “800-53”
	19	Change “venders” to “standards”
	25	Change “method” to “methods”
267	4	Change “affected” to “effective”
	8	Change “NES” to “NIST”
	11	Change “the” to “their”
	12	Change “NARC” to “NERC”
	13	Change “NARC’S” to “NERC’s”
	14	Add “CIP” after “NERC”
	15	Change “[unintelligible]” to “CSET tool,”
	17	Change “bodies” to “parties”
	18	Change “[unintelligible] assurance working group” to “Software Assurance Working Group”
	20	Delete “it”
	25	Change “So [unintelligible]” to “The Vogtle COL”
	25	Change “subject to the” to “submitted its”
268	1	Change “the 10CFR 73054 [spelled phonetically]” to “10 CFR 73.54”
	2	Change “REIs” to “RAIs”
	3	Change “plant” to “plan”
	7	Change “cellular” to “submitted”
	8	Change “Vogtle” to “Vogtle’s”
	11	Change “room” to “rule”

Page	Line	Correction
	12	Change “[unintelligible]” to “Vogtle”
	15	Change “collected” to “reflected”
	19	Change “defensible” to “defensive”
	20-21	Change “[unintelligible] layers” to “data diodes”
269	4	Change “the established” to “its cyber”
	8	Change “established” to “cyber”
	9	Delete “the”
	13	Change “deviation” to “deviations”
	16	Change “plant” to “plan”
	19	Change “six months after Vogtle’s plan” to “systems at the Vogtle plant”
	22	Change “center” to “centers”
	23	Change “39-8 [unintelligible]” to “13.8”; Delete “attached”
	24	Change “come” to “turn”
270	8	Change “these presentations” to “this presentation”
	14	Change “instructional analysis for” to “structural analysis of”
	17	Change “audit” to “audits”
	21	Change “from” to “of”
271	7	Change “full core also” to “fuel core offload”
	13	Change “[unintelligible]” to “SNC”
	13	Change “details behind” to “detailed design of”
	25	Change “REIs” to “RAIs”
273	6, 10	Change “SSDs” to “SSCs”

Page	Line	Correction
	11	Change “carrying” to “carry”
	11	Change “it” to “them”
	13, 15	Change “SSDs” to “SSCs”
	14	Delete “of”
	19	Change “REI” to “RAI”
	22	Change “not” to “no”
	23	Add “the” after “that”
274	5	Change “interesting” to “interest”; Change “for” to “of”
	7	Change “plank” to “plant”
	10	Change “provides” to “revised”
	16	Change “affluent” to “effluent”
275	3	Change “Vogtle’s” to “Vogtle”
	11	Change “rebounding” to “or bounding”
	15	Change “does” to “dose”
	15	Change “milligrams” to “millirem” (Two instances)
	17	Change “to restricted” to “and restricted”
276	5	Change “at” to “of”
	9	Change “stride of” to “startup”
	9	Change “that are in” to “during”
	10	Change “extension” to “ascension”
	11	Change “or first pre-plant” to “or first-three plant”
	22	Change “low” to “blow”
	24	Change “on” to “of”

Page	Line	Correction
277	8	Change “for emergency planning.” to “for the emergency plan.”
	24	Change “but” to “that”
278	2	Change “available to us yet.” to “available yet.”
	7-8	Change “part of the district” to “Part 50”
	13	Add “a” after “from”
	13-14	Change “emergency [unintelligible]” to “emergencies at the plant.”
	19-20	Change “That’s why they” to “But that’s why we”
	21	Delete “the”
279	4	Add “at that time” after “them”
	11	Change “here” to “again”
280	8	Change “BRUCE MUSICO” to “WESLEY SPARKMAN”
282	5	Change “four” to “all”
	6	Change “[unintelligible] address the [unintelligible]” to “currently known address the currently known”
	7	Change “[unintelligible] the answers” to “be used by the adversaries”
	8	Change “part of [unintelligible]” to “part of philosophy that”
	9	Change “the [unintelligible]” to “it applies to all”
	25	Change “[unintelligible]” to “Chief vendor of inspections”
283	1	Add “Office of New” before “reactors”
	3	Change “[unintelligible]” to “tests”
	5	Change “[unintelligible]” to “tests in the”
	6	Change “[unintelligible]” to “at the actual test site”

Page	Line	Correction
	7	Change “[inaudible]” to “at the time”
	19	Change “DSD” to “TSC”
284	15	Change “[unintelligible]” to “digital”
	16	Change “over” to “in”
	16	Change “south” to “cyber”
	16	Change “plant” to “plans”
	17	Change “have a” to “submit cyber”
	17	Change “that” to “cyber”
	18	Change “that incrementing [unintelligible]” to “they are implementing their cyber”
	19	Change “[unintelligible]” to “high assurance that critical digital”
	19	Delete “our”
	20	Change “federal tax” to “cyber attacks”
	20	Change “[unintelligible]” to “let me read actually – additionally”
	21	Add “the cyber security” before “regulations”
	24	Change “[unintelligible]” to “part of the cyber”
	24	Change “NRC security” to “NRC’s periodic”
	25	Add “not” after “plan it is”
285	4	Change “security” to “during”
	5	Add “criteria” after “those”
	8	Change “Southern Nuclear Operating Company” to “staff of the Nuclear Regulatory Commission”
	12	Change “grants” to “branch”

Page	Line	Correction
	12-13	Delete “[spelled phonetically]”
	15	Change “the support” to “is important to”
	18	Change “[unintelligible]” to “thought of”
	18	Add “eventually” after “applicant”
	19	Change “this” to “its” (two instances)
	20	Change “an” to “it in”
	23	Insert “in” after “mentioned”
286	3	Insert “of the” after “all”
	4	Change “[inaudible]” to “plan”
	13	Change “follow” to “fall to”
	14	Change “[unintelligible]” to “that in the”
	21	Change “TSA” to “TSC with”
	22	Insert “a” after “state,”
287	8	Change “and” to “at”
	10	Change “my directional” to “bidirectional”
	24	Change “protect [unintelligible] to “attack vector”
289	13	Change “inside the” to “and cyber”
	17	Change “7354” to “73.54 and”
	25	Change “test” to “tests”
290	9	Change “[unintelligible]” to “fleet”
	10	Insert “ahead” after “look”
	18	Change “THEODORE AMUNDSON” to “BRUCE MUSICO”

<b>Page</b>	<b>Line</b>	<b>Correction</b>
291	6	Change "THEODORE AMUNDSON" to "BRUCE MUSICO"
	7	Change "ASOB" to "ASLB"
	8	Change "TSD" to "TSC"
	9	Change "those now" to "the personnel"
	10	Change "state" to "safety"
	13	Change "THEODORE AMUNDSON" to "BRUCE MUSICO"
	22	Insert "Not" before "that"
	23	Change "MALE SPEAKER" to "BRUCE MUSICO"
292	3, 16	Change "MALE SPEAKER" to "BRUCE MUSICO"
	5	Insert "was" after "One"
	6	change "emergency plan" to "emergency planning"
	15	Change "[inaudible]" to "units on site."
	16	Change "offset" to "off-site"
	17	Change "on" to "off"
293	9	Change "demand" to "design"
	10	Insert "fleet" after "existing"
	10	Add "of the facility" after "basis"
	11	Add "specifically" after "actually"
	12	Change "clarify" to "verify"
	13	Change "phenomenon" to "phenomena"
	18	Change "exclusively" to "explicitly no"
	19	Change "[unintelligible]" to "passive core cooling"
	19	Change "of" to "at"

Page	Line	Correction
294	7 8 8 9 9 11-12 17 24	Add "with" after "FERC/NERC" Change "already" to "wrote a" Add "paper" after "SECY" Change "you did for unit" to "in" Change "associate" to "associated" Change line 11-12 to "we have provided that information to the Vogtle and they have implemented their -- revised to reflect the changes into their Vogtle plan." Change "NERK" to "NERC" Change "clinical" to "critical"
297	9-11 12 14	Delete "DALE FULTON", "AMY AUGHTMAN", and "CHUCK PIERCE." Change "Southern Nuclear Operating Company" to "the staff of the Nuclear Regulatory Commission" After line 21, insert: "WHEREUPON, DALE FULTON AMY AUGHTMAN CHUCK PIERCE was called as a witness for Southern Nuclear Operating Company and, having been first duly sworn, assumed the witness stand, was examined and testified as follows:"
303	13 17 18 19 24 25	Change "Southern Nuclear Operating Company" to "NRC Staff" Change "Here" to "And" Change "Vogtle 3 and 4" to "Vogtle Units 3 and 4" Change "applications" to "application" Delete "and" Change "[unintelligible]" to "Endangered Species"

Page	Line	Correction
305	2	Change "conclusion" to "conclusions"
	3	Change "FEIS" to "SEIS"
	5	Change "social methods but is now determined by additional analysis of new information, [unintelligible]." to "circumstances where the staff determined that additional analysis of new information was appropriate."
	8	Change "ESP conclusions" to "ESP stage conclusions"
	10	Change "conclusions" to "conclusion"
	11-12	Change "Sothern's [unintelligible] prior amendment in" to "Southern's requests for amendments to"
	14	Change "As [unintelligible] client explained," to "As described previously,"
	15	Change "was" to "which was"
	16-17	Change "[unintelligible] for the regulation, therefore 5175" to "Title 10 of the Code of Federal Regulations CFR 51.75"
	18	Change "EIM" to "EIS"
	18	Change "10CFR 5192E" to "10 CFR 51.92(e)"
	20	Change "construction, operation" to "construction and operation"
	23-24	Change "of 5192, [unintelligible] COL review [unintelligible] threat" to "in 51.92 direct the COL review to address"
	25	Change "as" to "and to"
	25	Change "focused" to "focus"
	25	Change "there's" to "there is"
304	3	Change "testing" to "assessments"
	5	Change "on" to "under"

Page	Line	Correction
	5-6	Change “except for the agency’s regulation transferred for Part 51” to “as set forth in the agency’s regulation 10 CFR Part 51”
	7-8	Change “was outlined for the Commission. The adequacy” to “will outline for the Commission the adequacy”
	9	Change “issuance, the request to combine license” to “issuance of the requested combined license”
	12	Change “represents” to “references”
	13	Change “known as ESP. It’s” to “known as an ESP is”
	13	Change “view” to “review”
	17	Change “[unintelligible]” to “a COL”
	20	Change “and CIM” to “FEIS”
	21	Change “and CIM” to “FEIS”
	24	Change “applicant’s” to “the applicant’s”
	24-25	Change “to find” to “for identifying”
306	4	Change “an essential” to “the central”
	6	Change “will require” to “were required”
	6	Change “and EIF” to “SEIS”
	7	Change “to be considered” to “reconsidered”
	7	Change “NRC” to “NRC’s”
	8	Change “and EIS” to “FEIS”
	8	Change “—so first we” to “appropriately”
	11	Change “references ESP” to “references an ESP”
	12	Change “other ESP” to “other ESPs”

Page	Line	Correction
	15	Change "about the ESP" to "of other ESPs"
	16	Change "followed" to "following"
	19	Change "socio-economic" to "socioeconomics"
	22	Change "on past" to "from past"
	24	Change "[unintelligible] to" to "including"
307	2	Change "optional." to "optional for the ESP stage."
	2	Change "And as the applicant" to "An ESP applicant"
	5	Change "[unintelligible]" to "subjects"
	6	Change "then" to "them"
	10	Change "[unintelligible]" to "of basing its"
	11	Change "[unintelligible]" to "range of"
	13	Change "[inaudible]" to "Which the NRC had already certified."
	13	Change "afforded" to "avoided"
	13	Change "impact" to "impacts"
	14	Change "[unintelligible]" to "with less"
	14	Change "design" to "designs"
	14	Change "saw" to "Southern"
	15	Change "until" to "its COL"
	15	Change "with" to "would"
	15	Change "[unintelligible]" to "the amended"
	18	Change "will" to "would"
	19	Change "[unintelligible]" to "ESP"
	20	Change "FDIS" to "FEIS"

Page	Line	Correction
	21	Change “has” to “had no”
	23	Change “close in time to the EFC [unintelligible]” to “closely in time to the ESP the COL”
	24	Change “ESP [unintelligible]” to “ESPs are valid for”
	25	Change “[unintelligible]” to “COL”
308	2	Change “was underway” to “was still underway”
	2	Change “EIS” to “FEIS”
	3	Change “the applications” to “its applications”
	8	Change “into” to “and COL”
	8	Change “[unintelligible]” to “tier off”
	9	Change “[unintelligible]” to “final”
	9	Change “streamline” to “streamlined”
	10	Change “[inaudible]” to “supplement”
	13	Change “and EIS” to “FEIS”
	15	Change “conclusion” to “conclusions”
	15	Change “SEIS” to “FEIS”
	15	Change “SCIS” to “SEIS”
	16	Change “[unintelligible] the ESP [unintelligible] the” to “tiered off the ESP final”
	18	Change “significant [unintelligible] definition” to “significance level definitions”
	19	Change “impact” to “impacts”
	22	Change “[unintelligible]” to “or to destabilize”

Page	Line	Correction
	24	Change "impact" to "impacts"
309	1	Change "socio-economic" to "socioeconomics"
	1	Change "its" to "the"
	2	Change "[unintelligible]" to "historic and cultural"
	2	Change "its" to "that"
	3	Change "will be moderate" to "would be moderate"
	3	Change "EIS explains" to "EIS analysis explains"
	3-4	Change "will only be [unintelligible] will be mitigated" to "would only be temporary or would be mitigated"
	6	Change "staff" to "staff's"
	8	Change "partially accident [spelled phonetically]" to "postulated accidents"
	13	Delete "[spelled phonetically]"
	13	Change "to be" to "would be"
	14-15	Change "licensee compliance of federal and state require permits and certification for the minimized and impact" to "licensee's compliance with federal and state required permits and certifications would minimize any impacts"
	18	Change "of [unintelligible]" to "to terrestrial"
	18	Change "will be" to "would be"
	19	Change "[unintelligible]" to "terrestrial"
	20	Change "included the applicant's [unintelligible]" to "including the applicant's best"
	22-23	Change "dependent on [unintelligible] transmission line route"

Page	Line	Correction
		[unintelligible] the right upgrades would be moderate” to “depending on the final transmission line route, terrestrial ecology impacts within the right-of-way could be moderate.”
310	1-2  5 6  7 8 13 14 14 15-16  17 19 23	Change “[unintelligible], especially in [unintelligible]” to “adverse, especially in Burke”  Change “[unintelligible]” to “transmission”  Change “And the traffic impact [unintelligible] in site” to “as could traffic impacts on roads in the site”  Change “impact” to “effect”  Change “[unintelligible]” to “receipts in Burke”  Change “[unintelligible]” to “deposits”  Change “At [unintelligible] ESP” to “As explained in the ESP”  Change “are” to “were”  Change “litigation measures to indentify and” to “mitigation measures were identified to”  Change “SEIS” to “FEIS”  Change “agrees” to “agreed”  Change “[unintelligible]” to “obviously superior”
311	1  1  2-3	Change “was saying” to “explained”  Change “that ESP SEIS” to “the ESP FEIS”  Change “follows the structure of the ESP SEIS for the review prominently spoken on needs as soon as we get information” to “followed the structure of the ESP FEIS, but with the review process focused on new

Page	Line	Correction
		<p>and significant information”</p> <p>6 Add “I led” after “application”</p> <p>8 Add “particular” before “technical”</p> <p>12 Change “to find” to “in preparing”</p> <p>12 Change “license and” to “licensing”</p> <p>13 Change “especially” to “such as”</p> <p>13 Change “ESP and COL” to “ESPs and COLs”</p> <p>14 Add “were” before “also”</p> <p>15 Change “[unintelligible] specific” to “leverage this”</p> <p>16-17 Change “[unintelligible] 10CFR section 192 [spelled phonetically] the staff [unintelligible] environmental review focus” to “Pursuant to 10 CFR 51.92 the staff’s COL environmental review focused”</p> <p>16-25 Replace lines 16-25 with “Pursuant to 10 CFR 51.92 the staff’s COL environmental review focused on whether there was new and significant information. As previously discussed, the NRC is required to prepare a supplemental environmental impact statement as part of its review of a COL application referencing an ESP. The NRC staff tiers off the ESP EIS at the COL stage and discloses the NRC conclusion for matters resolved in the ESP review. Detailed procedures for conducting the environmental portion of the review are found in NUREG-1555, the Environmental Standard Review Plan, or ESRP, which is the Staff’s principal guidance document for conducting environmental reviews.”</p>
312	1-5	Replace lines 1-5 with “As I will explain, the staff’s review drew on staff

Page	Line	Correction
		<p>guidance, information gathered during several site audits, the staff's evaluation of the applicant's process for identifying new and significant information obtained by the applicant through requests for additional information, interactions with the public and with other governmental agencies, and the staff's independent analysis."</p> <p>7-8 Change "in [unintelligible]" to "and comment"</p> <p>8 Change "amendment" to "amendments"</p> <p>9 Change "license certifications approvals of nuclear power plant" to "licenses, certifications, and approvals for nuclear power plants"</p> <p>10 Change "reference and ESP. [unintelligible]" to "referencing an ESP and aids the"</p> <p>14 Change "must [unintelligible]" to "must -- it is defined as"</p> <p>18 Change "SEIS" to "FEIS"</p> <p>21 Change "[unintelligible]" to "may develop"</p> <p>22 Change "conclusion" to "conclusions"</p> <p>22 Change "to come away with" to "to become aware of"</p> <p>24 Change "applicants" to "applicant"</p> <p>25 Change "environmental [unintelligible], scientific literature, and [unintelligible]" to "environmental monitoring results, scientific literature, and surveying"</p>
313	1	Change "this type of facility" to "the site vicinity"
	2-3	Change "assumption and representation made in the ESP ER and ESP EIS are still [inaudible]" to "assumptions and representations made in the

Page	Line	Correction
		<p>ESP ER and ESP EIS are still valid”</p> <p>4 Change “[unintelligible]” to “guidance”</p> <p>5 Change “[unintelligible] for the Vogtle [unintelligible]” to “for the Vogtle COL”</p> <p>6 Change “consists” to “consisted”</p> <p>7 Change “evaluated” to “evaluating”</p> <p>8 Change “staff” to “staff’s”</p> <p>8-9 Change “As requirement 10CFR 5150c1 [unintelligible] referenced in any” to “As required by 10 CFR 51.50(c)(1), a COL applicant referencing an”</p> <p>11 Change “[unintelligible] still the” to “tendered its COL”</p> <p>13 Change “[unintelligible]” to “its COL”</p> <p>13 Change “which” to “was”</p> <p>14 Change “uses” to “used a”</p> <p>15 Add “the” before “applicant’s”</p> <p>16 Change “on” to “in the”</p> <p>20 Change “issue” to “issuance”</p> <p>21 Change “has now” to “the staff”</p> <p>25 Replace line 25 with “The site audits also included several site tours, including”</p>
314	1-3	<p>Replace lines 1-3 with “a tour of the potential transmission line rights-of-way, and the location of the intake structure on the Savannah River, and the locations of cultural and historic resources.”</p>
	4-9	<p>Replace lines 4-9 with “The Staff also conducted a separate</p>

Page	Line	Correction
		<p>environmental audit associated with the applicant’s requests to amend its ESP and LWA in May 2010, which included use of additional fill material from borrow areas that were not considered in the ESP FEIS. These requests were ultimately addressed in three separate amendments to the ESP and LWA, and for which the staff prepared Environmental Assessments.”</p>
	11	Change “departments” to “developments”
	12	Change “[unintelligible]” to “for the COL”
	14	Change “education of the applicant’s [unintelligible]” to “verification that the applicant did follow its”
	19	Change “request” to “requests for”
	20	Change “[unintelligible]” to “conducted its own”
	25	Change “[unintelligible]” to “applicable”
315	1-5	Change lines 1-5 to “staff contacted the State of Georgia Historic Preservation Officer (SHPO), Georgia Department of Natural Resources, South Carolina Department of Natural Resources, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, National Marine Fisheries and approximately 30 Federally-recognized Indian Tribes in order to gather relevant information.”
	6-8	Change “As an example, the staff received a response letter from special [unintelligible] service, indicating that the list of threatened or endangered species are [unintelligible] adequately addressed” to “As an example, the staff received a response letter from the Fish and Wildlife Service

Page	Line	Correction
		<p>indicating that the listed threatened or endangered species under that agency's purview had been adequately addressed"</p> <p>10 Change "staff [unintelligible]" to "staff's consideration of"</p> <p>10 Change "Appendix C" to "Appendix E"</p> <p>13 Change "[unintelligible] 5192E" to "10 CFR 51.92(e)"</p> <p>14 Change "a way of development in NRC [unintelligible]" to "aware of developments in the NRC staff's parallel"</p> <p>15 Delete "that"</p> <p>16 Change "change of associates" to "changes associated"</p> <p>18-19 Change "a potential to change the impact conclusions in the EIS" to "the potential to change its impact conclusions in the FEIS or SEIS"</p> <p>20 Change "effective [unintelligible] of the SEIS" to "effective tiering off of the FEIS"</p> <p>22 Change "a early site from the" to "the Early Site Permit"</p> <p>23 Change "[unintelligible] with the" to "and evaluated"</p> <p>24 Change "we" to "it"</p>
316	<p>3</p> <p>6-7</p> <p>7</p> <p>8</p> <p>10</p>	<p>Change "at EIS" to "FEIS"</p> <p>Change "effective area acreage" to "affected acreage"</p> <p>Change "279" to "379"</p> <p>Change "fire trained [spelled phonetically] facility and a simulator building" to "fire training facility and the simulator building"</p> <p>Change "[unintelligible] impact film [spelled phonetically]" to "for obtaining backfill"</p>

Page	Line	Correction
	13	Delete “[spelled phonetically]”
	14	Change “planning” to “plan”
	14	Change “In respect to mineralogy and air quality” to “With respect to meteorology and air quality”
	16-17	Change “are provided in refined estimates on” to “and provided a refined estimate of”
	20	Change “were made” to “remained”
317	5	Change “SEIS” to “FEIS”
	6	Change “[unintelligible]” to “borrow”
	7	Change “background” to “backfill”
	8	Change “[unintelligible]” to “borrow areas”
	9	Change “this” to “its”
	11	Change “bowl” to “borrow”
	13	Change “need to intercept the water table now requiring dewatering” to “neither intersect the water table nor require dewatering”
	15	Change “bowl” to “borrow”
		Change “which was used to the core mix model” to “which used the CORMIX model”
	22	Change “SEIS” to “FEIS”
	23	Change “reran the CORMIX” to “re-ran the CORMIX”
318	7	Change “[unintelligible]” to “rule”
	8	Change “[unintelligible]” to “and South Atlantic”
	10	Add “determined” after “staff”

Page	Line	Correction
	13	Change “distant” to “listing”
	14	Change “conservation” to “consultation”
319	passim	Change “shiphold” to “SHPO”
	3	Change “from the” to “from both”
	4	Change “coastal” to “cultural”
	5	Change “area potential effect” to “area of potential effects”
	6	Change “affect” to “effects”
	8	Delete “[spelled phonetically]”
	13	Add “of” after “memorandum”
	17	Change “SFESS” to “FSEIS”
	19	Delete “[spelled phonetically]”
	23	Change “10.04.5192” to “10 CFR 51.92”
320	7	Change “admittable” to “available”
	9	Change “activate” to “reactivate”
	11	Change “[unintelligible]” to “tailoring”
	24	Change “10CFR 5010D” to “10 CFR 50.10(d)”
321	3-4	Change “would [unintelligible]” to “were later withdrawn”
	5	Change “impact” to “impacts”
	8	Change “SEIS” to “FEIS”
	15	Change “redressed in” to “redressed is”
	15	Change “bounded” to “bounding”
	16	Change “SEIS” to “FEIS”
	18	Change “support” to “supports”

Page	Line	Correction
	20	Change “at in store” to “and install”
	21	Change “bowl” to “borrow”
	22-23	Change “for slopes used in three and four excavations” to “over the slopes of Units 3 and 4 excavations”
	25	Change “moved” to “need”
322	Passim	Change “bowl” to “borrow”
	9	Change “application” to “classification”
	10	Change “those” to “proposed”
	10-11	Change “The system with [unintelligible]” to “Consistent with NEPA”
	12	Change “SEIS” to “FSEIS”
	13	Change “I referenced” to “by reference”
	16-17	Change “impact off site footprint” to “impacts outside the footprint”
	17-18	Change “a sandhill mill patch in” to “sandhills milkvetch, a”
	25	Change “Sandhill's Mill Patch” to “sandhills milkvetch”
323	7	Change “So it” to “Southern”
	8-9	Change “not only the kind of fundamental component of Sandhill's habitat in the burrow” to “longleaf pine, a fundamental component of sandhills habitat, in the borrow”
	11	Change “bowl” to “borrow”
	14	Change “Sandhill's Mill Patch” to “sandhills milkvetch”
	18	Change “I referenced” to “by reference”
	22-23	Change “confirmed to the guidance of line” to “conformed to the guidance outlined”

Page	Line	Correction
	24	Change "included" to "including"
324	4	Change "took by additional backfill change" to "to acquire additional backfill changed"
	4	Change "SEIS" to "FEIS"
	8	Change "verbal" to "Vogle"
	10	Change "and" to "that it"
	12	Change "it" to "and"
	13	Change "water disciplinary" to "multidisciplinary"
	13	Change "licensed" to "licensing"
	22	Change "SEIS" to "FEIS"
	24	Change "during" to "they're in"
325	5	Change "actions" to "action"
	22	Change "an" to "the"
327	14	Add "related" after "concerns"
330	15	Change "applicant [unintelligible]" to "applicant's new and significant"
	18	Change "[unintelligible]" to "because that is a staff"
	25	Change "[unintelligible]" to "things"
331	7	Change "[unintelligible]" to "on the docket"
	7	Change "when we did the" to "went ahead and did a"
	8	Change "time" to "site"
	9	Change "[unintelligible] we also had [unintelligible]" to "we also had Georgia Department of Natural"

Page	Line	Correction
	12	Change "Sanhill Mill Patch" to "sandhills milkvetch"
	21	Change "[unintelligible]" to "analysis"
	22	Change "FCIN" to "ESP EIS"
	22-23	Change "So, we kept those contacts [unintelligible]" to "So, we kept close contact with our safety counterpart to ensure that was the case"
332	16	Change "the original" to "leveraging the"
	20	Change "pocket [spelled phonetically] two" to "part 52"
	21	Change "[unintelligible], the areas of, you then -- let me use a
	22	[unintelligible] as well, with also unique features" to "I said -- but there
	23	is -- the areas of -- using -- not using a plant parameter envelope as well,
	24	was also a unique feature"
	24	Change "after" to "in this"
	24	Change "after" to "in this"
333	5	Delete "two"
334	10	Replace line 10 with "It's separated that way."
	24	Change "[unintelligible]" to "stating"
335	14	Change "Male Speaker" to "Robert Schaaf"
	20	Change "a [unintelligible] reaction" to "our severe accident"
336	14	Change "Mr." to "Commissioner"
	17	Change "[unintelligible]" to "external"
338	10	Add "North Anna" after "Well,"
	11	Change "PSPPIN" to "ESP EIS"
	13	Change "[unintelligible] potential" to "North Anna is quite substantial"

Page	Line	Correction
	13-14	Change "it's [unintelligible]" to "it does cut down on the bulk"
	14	Change "different" to "deferred"
	21	Change "primer" to "parameter"
339	1	Change "primer" to "parameter"
	3	Change "[inaudible]" to "the staff has to do."
	15	Change "I'd like to respond to that" to "I've got the response"
	16	Change "As a part [unintelligible] of the staff, you see some" to "At the public meeting, the staff did receive some"
	17	Change "[unintelligible]" to "probably Rich Emch"
	18	Change "and so when they communicated" to "there was indicated"
	25	Change "[inaudible]" to "plants"
340	14	Delete "of"
	15	Change "Vogtle" to "local"
	16	Change "[unintelligible] asks if" to "try to ask them if they know of"
	17	Change "SEIS" to "FSEIS"
	18	Change "need" to "needed"
	19-20	Change "the NCIS and the supplements remained [unintelligible]" to "the ESP EIS and the supplement remained bounded"
	25	Change "about four counties" to "no four counties"
341	9	Change "[inaudible]" to "supplement"
	20	Change "SEIS" to "FSEIS"
	20	Change "application in" to "clarification"
	20-21	Change "that that big update was not mentioned, that that information"

Page	Line	Correction
		with any documentation” to “the staff did update the documents to reflect that information within the documentation”
342	2 8 11 13 13	Change “carried out” to “tiered off” Change “4.4 section, section 4.4” to “a 404, section 404” Change “[unintelligible]” to “cumulative” Change “portal” to “corridor” Change “core” to “corps”
343	1	Change “CQ [spelled phonetically]” to “CEQ”
345	14 15 18 19 19	Change “Shaw” to “Schaaf” Change “safety and environmental reviews” to “Division of Site and Environmental Reviews” Delete “Office” Delete “of” Change “Reactors” to “Reactor”
350	2 4 4 12 19 20 25	Change “a number of compensations” to “limited work authorizations” Change “application. Past” to “application – that the” Change “inadequate” to “adequate” Delete “le” Change “with” to “of” Add “the” before “Vogtle” Change “in” to “and”
351	4	Change “staff statement have supported this” to “staff’s statement of

Page	Line	Correction
	<p>5 &amp; 6</p> <p>6</p> <p>8</p> <p>11</p> <p>21</p> <p>24</p>	<p>support of this”</p> <p>Change “10CFR” to “10 CFR”</p> <p>Change “so affording” to “supporting”</p> <p>Change “unsolved” to “unresolved”</p> <p>Change “licenses” to “license”</p> <p>Add “the” before “license”</p> <p>Change “we” to “I would”</p>
352	<p>8</p> <p>12</p> <p>13</p> <p>15</p>	<p>Change “an improved” to “and approved”</p> <p>Change “conditional” to “Commission”</p> <p>Change “in the” to “and any”</p> <p>Change “this past” to “the staff’s”</p>
355	<p>5</p> <p>6</p> <p>9</p> <p>9</p> <p>11</p> <p>11</p> <p>12</p> <p>13</p>	<p>Change “to recognize” to “directed by the”</p> <p>Change “looking” to “moving”</p> <p>Change “the actors” to “new reactors”</p> <p>Change “and” to “in”</p> <p>Change “designs that are” to “design cert if”</p> <p>Change “appropriate to the COL” to “appropriate, to the COL”</p> <p>Add “to” between “requirements,” and “adjust the license”</p> <p>Change “where” to “we’re”</p>
357	<p>14</p> <p>16</p> <p>17</p> <p>18</p>	<p>Change “to” to “for”</p> <p>Change “solve” to “resolve”</p> <p>Change “in terms of” to “with respect to”</p> <p>Change “processes” to “process”</p>

Page	Line	Correction
	18	Change "recommendation" to "implementation"
	18	Add "program" between "ITAAC" and the period

B. September 28, 2011

The following table identifies Southern Nuclear Operating Company's corrections to the transcript for September 28, 2011.

Page	Line	Correction
246	2	Change "93" to "247"
246	4	Change "94" to "248"
246	5	Change "131" to "285"
246	6	Change "139" to "293"
246	8	Change "143" to "297"
246	9	Change "149" to "303"
246	11	Change "191" to "345"
248	19	Delete "the"
248	21	Change "license supervisor" to "licensing supervisor, Vogtle 3 and 4"
248	22	Change "support license lead" to "Support Licensing Lead"
248	23-24	Change "[inaudible] Mr. Sparkman" to "I guess turn it to you Mr. Sparkman to begin"
249	2	Change "planning and" to "planning and the"
249	4	Change "system" to "system,"
249	6	Change "first (three) plant" to "first-three-plant"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
249	11-12	Change "VCs [spelled phonetically]" to "bases"
249	12	Delete "were"
	12	Change "as" to "is"
249	14	Change "condition related" to "condition was related"
249	15	Change "departure of" to "departure from"
249	16	Change "for CD" to "DCD"
249	20	Change "action of" to "action on"
249	21	Change "license" to "licensed"
249	22	Change "and" to "in"
249	25	Change "levels" to "level"
	25	Change "established, but consequently the" to "established. Consequently a"
250	1	Change "licensing" to "license"
250	3	Change "EALs" to "The EALs"
250	4	Change "7-01" to "07-01"
250	5	Change "Task and" to "Passive" Change "EALs" to "the EALs"
250	6	Change "the state" to "with state"
250	9	Change "[inaudible] suggested," to "TSC as did"
250	10	Change "BCD" to "DCD"
	10	Change "[inaudible]" to "deferred"
250	11	Change "TSE" to "TSC" (both places)

<b>Page</b>	<b>Line</b>	<b>Correction</b>
250	12	Change "AD .8-1" to "18.8-1"
	12	Change "all one" to "follow-on"
250	13	Change "[inaudible]" to "habitability"
250	14	Change "they" to "the"
250	15	Change "have ability" to "habitability"
	15	Change "to GSE" to "of the TSC"
250	17	Change "TSE" to "TSC"
250	19	Change "relocated" to "to be located"
250	20	Change "ATRS" to "ACRS"
	20	Change "for" to "for a"
250	21	Change "TSE. We" to "TSC, we"
250	22	Change "Vogtle" to "both"
250	23	Change "Positions" to "The positions"
251	4	Change "TSE" to "TSC"
	4	Change "grated" to "graded"
251	7	Delete "the"
251	8	Change "and of course" to "in accordance"
251	9	Change "7354E" to "73.54 echo"
251	10	Change "a plant" to "the plan"
251	14	Change "security and" to "security"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
251	16	Change "objectives Reg." to "objectives of Reg."
251	17	Change "However, AP1000" to "However, the AP1000"
251	18	Change "plant" to "plan"
252	3	Change "other programs" to "other security programs"
252	4	Change "A4 to "Alpha4"
	4	Change "He" to "And he"
252	5	Change "of the five [inaudible]" to "other topics"
252	6	Change "Thanks" to "Thank you"
252	10	Change "in" to "in the"
252	13	Change "NRSR" to "in our FSAR"
252	14	Change "SEIL" to "COL"
	14	Change "a" to "of"
252	17	Change "pads" to "paths"
252	18	Change "seal of" to "COL"
	18	Change "Matamic" to "Metamic"
252	20	Change "Next" to "The next"
	20	Change "of" to "for"
253	5	Change "drip" to "draft"
253	6	Change "circulated" to "circulating"
253	7	Change "system is to also provide" to "system also provides"
		Change "for Units" to "for the Units"

Page	Line	Correction
	7	
253	8	Change "from the circling" to "when the circulating"
253	12	Change "fire," to "fire"
	12	Change "de-mineralize" to "de-mineralized"
253	17	Change "COLA" to "The COLA"
	17	Change "a" to "and"
253	22	Change "10CFR 20.1101B" to "10 CFR 20.1101Bravo"
	22	Change "use to the extent practical" to "use, to an extent practical,"
253	23	Change "in" to "and"
	23	Change "control" to "controls"
253	24	Change "principals. To" to "principals to"
254	7	Change "12AA" to "12 Alpha Alpha"
254	8,16	Change "08-08A" to "08-08 Alpha"
254	10	Change "contamination" to "contamination,"
254	18	Change "NEI" to "The NEI"
254	19	Change "established" to "the established"
255	1	Change "criticality," to "criticality"
	1	Change "extension" to "ascension"
255	3	Change "and FSAR" to "in FSAR"
255	5	Change "applicants" to "applicant's"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
255	10	Change "size and" to "site-"
255	12	Change "tests" to "tests,"
255	13	Change "not" to "on"
255	14	Change "instance" to "instance,"
255	17	Change "(three)" to "three"
255	20	Delete "I'm"
255	23	Change "and" to "in"
255	25	Change "licensed" to "license"
279	11	Change "here" to "again"
279	16	Change "had" to "have"
	16	Change "means" to "mean"
279	17	Change "is tremendous" to "is a tremendous"
279	18	Change "need" to "mean"
279	20	Change "of pre-hearing" to "of the pre-hearing"
279	21	Change "it's particularly" to "particularly I"
279	23	Change "one, that either" to "the one"
280	8	Change "BRUCE MUSICO" to "WESLEY SPARKMAN"
280	10	Change "from" to "of"
280	16	Change "Pierce" to "Pierce, Southern Nuclear"
280	25	Change "respect that" to "respect to that"

Page	Line	Correction
281	4	Change "them" to "it"
283	19	Change "DSD" to "TSC"
283	23	Change "as building" to "as the building"
284	1	Change "the support" to "those support"
285	8	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
286	21	Change "TSA the" to "TSC with"
286	22	Change "lot" to "a lot"
286	24	Change "- - look at" to "for the"
287	18	Change "by regulation" to "by a regulation"
287	23	Change "We" to "But, we"
287	24	Change "the cyber security to protect [unintelligible]" to "a cyber security attack vector"
289	22	Change "though." to "but"
	22	Change "else" to "else."
289	23	Change "[inaudible], showing me" to "That's the trouble with these"
	23	Change "[inaudible]" to "periods here and go into that for a lot longer"
289	24	Change "Talk" to "Talk a little"
290	1	Change "Appendix c [spelled phonetically]" to "Appendix E"
	1	Change "prior fuel" to "prior to fuel"
290	2	Change "[inaudible]" to "again, fuel load again."
290	5	Change "prior. Can" to "prior, but have"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
290	6	Change "define" to "defined"
290	9	Change "[unintelligible]" to "fleet"
290	10	Change "and we find" to "ahead, we plan"
290	11	Change "have those" to "have to have those"
290	15	Delete "[unintelligible]"
	15	Change "point," to "point, I assume,"
290	16	Change "[inaudible]" to "as it evaluates all the other exercises"
	16	Change "that does" to "does that"
290	17	Change "to complete, provide the" to "to be complete, and provided to"
	17	Change "concludes" to "can be closed"
290	19	Change "point" to "..."
290	20	Change "a [inaudible]" to "an emergency plan"
290	23	Change "and TSC" to "and the TSC"
290	24	Change "--" to "versus"
290	25	Change "a distance" to "a pretty, there's a distance"
291	1	Change "think there" to "think that there"
291	2	Delete "could be"
291	3	Change "sever" to "severe"
	3	Change "how" to "what's --how" Change "handle exposures" to "handle the exposures"
291	4	Change "who" to "if you"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
291	5	Change “those - -” to “there was...”
291	6	Change “THEODORE AMUNDSON” to “BRUCE MUSICO” Change “during ESP” to “during the ESP”
291	7	Change “ASOB” to “ASLB”
291	8	Change “TSD” to “the TSC”
291	9	Change “those now” to “the personnel”
291	10	Change “state evaluation report” to “Safety Evaluation Report”
291	11	Change “was” to “is” (both places)
291	12	Change “other” to “other without”
291	14	Change “Okay,” to “Excellent. Alright.” Delete “Thank you.” (the first time it appears)
291	13	Change “THEODORE AMUNDSON” TO “BRUCE MUSICO”
291	22	Change “-.” to “not”
294	24	Change “clinical” to “critical”
294	25	Change “and would” to “that would”
295	23	Change “UF” to “EOF”
296	1	Change “for example” to “for an example”
296	3	Change “events” to “units”
296	4	Change “any dent in” to “an event at”
296	8	Change “We’re” to “If”
296	10	Change “so we” to “so that we”

Page	Line	Correction
297	9	Delete "DALE FULTON"
297	10	Delete "AMY AUGHTMAN"
297	11	Delete "CHUCK PIERCE"
297	12	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
297	Add after line 21	Add: CHAIRMAN JACZKO: Great. Now from the Applicant Add: "WHEREUPON, DALE FULTON AMY AUGHTMAN CHUCK PIERCE was called as a witness for the Southern Nuclear Operating Company and, having been first duly sworn, assumed the witness stand, was examined and testified as follows:"
298	9	Change "efforts," to "efforts and"
298	14	Change "associates" to "associated"
298	15	Change "coded" to "covered"
	15	Change "LWA," to "LWA, and"
298	17	Change "limit to" to "limited"
298	21	Change "incident in" to "and significant"
299	8	Change "Vogel" to "Vogtle"
299	14	Change "work root" to "water proof"
299	19	Change "out the" to "out that the"
300	1	Change "high land" to "island"
300	6	Change "[unintelligible]" to "for permanent"
300	15,21	Change "poppy" to "pocket"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
300	15,23	Change "sand hills mill patch" to "sandhills milk vetch"
300	18	Change "impacts to" to "impacts of"
300	19	Change "Sothern" to "Southern"
300	22	Change "condition" to "construction"
301	3	Change "environment" to "environmental"
301	5	Change "I, II" to "I and II"
301	7	Change "findings" to "impact"
301	10	Change "with" to "which"
301	11	Change "Sothern's" to "Southern's"
301	12	Change "environment" to "environmental"
	12	Change "to staff" to "the staff's"
301	17,24,25	Change "limit to" to "limited"
301	19	Change "regulations" to "regulation"
301	24	Change "addition" to "addition,"
302	1	Change "limit to" to "limited" Change "authorization" to "authorizations"
302	10	Change "from" to "for"
	10	Delete "be"
302	11	Change "stabilized" to "destabilize"
302	20	Change "as" to "As"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
302	21	Change "to environmental" to "the environmental"
302	25	Change "not have" to "have not"
303	4	Change "Sothern's" to "Southern's"
303	8	Change "Vogel" to "Vogtle"
303	13	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
325	25	Change "Ms." to "Mr."
326	9	Change "straining, a" to "screening. In our"
326	10	Change "strain" to "screening"
328	13	Change "a design based" to "design basis"
329	2	Delete "you"
329	4	Change "not the" to "not a"
329	5	Change "considered" to "consider"
333	12,13	Change "reduce [spelled phonetically]" to "release"
333	13	Change "radio activity" to "radioactivity"
333	14	Change "it" to "that"
	14	Delete "an"
333	14,15	Change "[unintelligible] sites" to "impact statements"
333	16	Delete "four"
333	17	Change "that's what" to "for the"
333	19	Change "regional" to "original"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
333	20	Change "or Vogtle" to "for Vogtle"
333	21	Change "this" to "it"
343	6	Change "and to" to "and then"
343	8	Change "have" to "need"
343	10	Change "Is it at high" to "At a"
343	11	Change "wind" to "line"
343	12	Change "[intelligible]" to "deltas"
343	13	Change "kind" to "kinds"
343	14	Change "for you to" to "that you have to"
	14	Change "for say" to "let's say"
	14	Change "the water" to "for water"
343	15	Change "question" to "questioning"
	15	Change "from NRC" to "from the NRC"
	15	Change "those kind of" to "those"
343	17	Delete "[spelled phonetically]"
343	18	Change "information," to "information and"
343	19	Change "for example" to "for an example"
343	21	Delete "in"
343	22	Change "they want" to "they're going"
344	1	Change "ensure" to "ensure that"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
344	3	Change "Where you said" to "From where you sit"
345	6	Delete "CHUCK PIERCE"
345	9	Delete "BUZZ MILLER"
345	11	Change "Southern Nuclear Operating Company" to "the Nuclear Regulatory Commission"
345	After line 19	Add "WHEREUPON, CHUCK PIERCE BUZZ MILLER was called as a witness for the Southern Nuclear Operating Company and, having been first duly sworn, assumed the witness stand, was examined and testified as follows:"
346	9	Change "hearings" to "hearing"
346	10	Change "will" to "would"
346	13	Change "licensing" to "License"
346	14	Change "application" to "Application"  Change "that and" to "that last night and"
346	14,15	Change "Southern Nuclear did start" to "Southern Nuclear, NuStart,"
346	15	Change "that extended" to "have expended"
346	16	Change "and support" to "and to support"
346	19	Change "readiness of" to "readiness to begin construction of"  Change "rebar, to" to "rebar. To"
347	1	Change "site" to "site."
347	2	Change "several" to "Several"
347	5	Change "built and" to "built as"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
347	6	Change "Shaw planning" to "Shaw in planning"
347	7	Change "ITAAC's" to "ITAAC"
347	10	Change "COL [spelled phonetically]" to "cold"
347	12	Change "COL" to "cold"
347	14	Change "they're requesting" to "there are approximately"
347	15	Change "plan" to "planned"
347	16	Change "May I" to "I'd like to"
347	18	Change "during" to "during the"
347	20	Change "crew" to "per month"
347	23	Change "in the" to "as"
348	2	Change "identified" to "identify"
348	8	Change "about the" to "about about the"
348	9	Change "SR" to "FSAR"
348	15	Change "specifics" to "specific"
348	16	Change "We" to "And we"
348	23	Change "mechanical" to "mechanically"
349	7	Change "inconsistency" to "inconsistencies"
349	13	Change "on" to "upon"
349	15	Change "applications" to "application"
355	1	Change "applications" to "activities"

<b>Page</b>	<b>Line</b>	<b>Correction</b>
355	16	Change "MALE SPEAKER" to "BUZZ MILLER"
355	17	Change "fully" to "fleet"
355	20	Change "an" to "our"
357	6	Change "importance of the" to "important stuff that"
357	16	Change "solve" to "resolve"
357	17	Change "in terms of" to "with respect to"
357	18	Change "we execute" to "we can execute" Change "the recommendation" to "implementation"
357	22	Change "confidence" to "confident"
357	24	Change "that exist" to "as it exists"
358	1	Change "date, the" to "date, on the"
358	5	Change "so lot" to "so a lot"
358	6	Change "So as" to "So if"
358	14	Change "to licensee" to "to the licensee"
358	16	Change "world so in" to "world and so it"
358	21	Change "that two" to "that in two"
358	22	After "for." add on next line: "COMMISSIONER SVINICKI: Okay" Add on next line: "CHUCK PIERCE: Having" and then resume Mr. Pierce's statement as shown on lines 23-25.
358	24	Delete "could"

Counsel for the Applicant has authorized the Staff to state the Applicant's agreement with the  
aforementioned corrections.

Respectfully submitted,

**/signed (electronically) by/**

Patrick A. Moulding  
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Dated at Rockville, Maryland  
this 11th day of October, 2011

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE COMMISSION

In the Matter of )  
 )  
SOUTHERN NUCLEAR OPERATING CO. ) Docket NoS. 52-025-COL and 52-026-COL  
 )  
(Vogtle Electric Generating Plant )  
Units 3 and 4) )

CERTIFICATE OF SERVICE

I hereby certify that copies of the "JOINT MOTION FOR TRANSCRIPT CORRECTIONS" have been served upon the following persons by Electronic Information Exchange this 11th day of October, 2011:

Office of Commission Appellate  
Adjudication  
U.S. Nuclear Regulatory Commission  
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