

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of

DUKE ENERGY CAROLINAS, LLC

(William States Lee III Nuclear Station, Units 1 and 2)

Docket Nos. 52-018-COL
52-019-COL

ORDER

**(Adopting Proposed Transcript Corrections, Admitting Post-Hearing Exhibits,
and Closing the Record of the Proceeding)**

The Commission held an evidentiary hearing on the uncontested portion of the captioned proceeding at its Rockville, Maryland headquarters on October 5, 2016. The parties have provided proposed transcript corrections in accordance with the deadline previously set. The transcript corrections identified in Appendix A to this order are adopted.

In addition, the parties have submitted responses to the Commission's post-hearing questions. As directed, the responses were filed as new exhibits using the previously established numbering scheme. Neither party objects to the admission of these new exhibits. Therefore, exhibits DEC-012 and NRC-015 are admitted into the evidentiary record.

The adoption of transcript corrections and the admission into evidence of the new exhibits completes the procedural activities that remained pending at the conclusion of the mandatory hearing. The record of the uncontested portion of this proceeding is therefore closed, effective as of the date of this order.

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This order is issued pursuant to my authority under 10 C.F.R. § 2.346(a) and (j).

IT IS SO ORDERED.

For the Commission

NRC SEAL

/RA/

Annette L. Vietti-Cook
Secretary of the Commission

Dated at Rockville, Maryland,
this 4th day of November, 2016.

APPENDIX A: Changes to the Transcript for the Lee Mandatory Hearing
October 5, 2016

Page	Line	Correction
2	24	Change "ALSO PRESENT:" to "APPLICANT:"
3	12 to 13	Move "LANCE VAIL, Senior Research Engineer, Pacific Northwest National Laboratory" to page 2, line 22
6	2 to 23	Delete transcript of Affirmation Session
7	7	Replace "hear" with "here"
7	12	Replace "189" with "189a."
7	15	Insert "the" after "of", replace "NRC's" with "NRC", and replace "staff" with "staff's"
8	20	Capitalize "(a)"
8	21	Capitalize "(c)" and "(e)"
10	7	Replace "artificialities" with "artificiality"
10	16	Change "thank the witness and the staff and from Duke" to "welcome everyone and thank the witnesses from the staff and from Duke"
11	11	Insert "in" after "swearing"
11	25	Insert commas before and after "counsel", capitalize "counsel"
12	9	Insert commas before and after "obviously"
12	16	Capitalize "counsel"
13	24	Replace "witness" with "witness's"
14	2	Replace "there's" with "there are"
14	12	Replace semicolon after "today" with comma
15	6	Change "Michael" to "Malcolm"
15	21	Insert "has or" before "had"
15	25	Delete "as"
16	1	Insert comma after "record", capitalize "counsel"
16	8	Insert comma after "apologize", capitalize "counsel"
16	11	Change "David" to "Davis"
16	13	Change "Lancy" to "Lance"
16	21	Change "I do, thank you." To "Thank you."
17	21	Insert "--" after "does"
17	22	Capitalize "counsel"
17	23	Insert comma after "side", replace "of" with "or", replace "it" with "we've"
19	4	Replace period with comma
19	5	Delete "Just"
19	7	Insert "sure who's" after "not"
20	8	Change "presentation" to "presentations"
21	4	Change "professionals and safely" to "professionals to safely"
22	8	Change "his" to "its"
22	11	Change "competitive" to "competitiveness"

Page	Line	Correction
26	12 to 13	Change “area that require” to “area, the McGuire,”
26	25	Change “so this” to “so you”
27	1	Change “is 2038” to “probably say why 2038.”
28	10	Change “is” to “was”
28	11	Change “890” to “80”
28	16	Change “MPDS” to “NPDES”
29	3	Change “off” to “about”
30	8	Change “they’re” to “there”
31	1	Change as correct” to “was correctly”
31	21	Change “bit work” to “bit of work”
32	11	Change “in the switchyard” to “and the switchyard”
33	10	Change “(in audible)” to “standard text”
33	11	Change “you’re seeing or” to “you’ve seen”
33	16	Change “the organization” to “numbering and organization we”
34	12	Change “the methodology” to “that methodology”
34	23	Change “Maguire” to “McGuire”
37	19	Delete second “the”, replace “a” with “the”
37	20	Replace “that” with “what”, replace “are” with “have”
37	21	Replace period with comma
37	22	Replace “So” with “so”, replace first “or” with “and”, join with prior line
37	23	Replace “go” with “going”
38	1	Replace period with comma, replace “You’re” with “you’re”
38	20	Change “the applicant license” to “the applicant, license holder”
38	25	Change “plans” to “plants”
39	12	Change “on roof” to “when you move to”
39	18	Replace “--” with “is”, replace first “to” with “two of”, replace second “to” with “two”
39	19	Delete “the”
39	20	Delete “you know”, insert “just” after “let’s”
39	25	Replace “were” with “was”
40	22	Delete “we’re”
40	25	Delete “you know”
41	1	Insert “it.” after “about”
41	15	Insert “to” after “presented”
41	19	Change “all” to “really all”
42	19	Change “MR. KITCHEN” to “MR. FALLON”
42	25	Replace “for NRC” with “from NRC’s”
43	6	Delete line break
43	7	Add period after “interesting”, delete “and then”, and insert line break before “I”

Page	Line	Correction
43	24	Change "to the captured" to "to have captured"
44	17	Insert "it" after "considered"
46	15	Delete "eight of"
48	16	Change "MR. FALLON" to "MR. SNEAD"
48	18	Change "better that" to "that event"
52	19	Insert "include" after "review"
56	10	Change "his" to "this"
56	19	Insert "be" after "must"
56	20	Change "is met, that will" to "is met. I will"
57	22	Change "acceptable" to "acceptance"
58	10	Change "these findings" to "an inimicality finding"
59	16	Change "these staff" to "the staff"
60	14	Change "agency" to "agencies"
62	4	Change "concluded" to "included"
62	14	Delete second occurrence of "from the alternatives selected"
62	25	Change "Section 102(2), 2(a)" to "Section 102(2)(A)"
63	8	Change "constitutes" to "constitute"
63	10	Capitalize "(c)"
63	23	Capitalize "(c)"
64	6	Capitalize "(e)"
66	3 to 4	Delete "staff's -- the"
66	7	Replace ", some" with "and"
66	12 to 13	Replace "about, you know," with "asking"
71	6 to 7	Insert ", or those that" after "licenses"
72	10	Change "roles" to "rules"
72	15	Delete "It may be."
73	13	Delete "I think,"
73	16	Insert period after "framework", delete "as", capitalize "the"
74	10	Delete "you know,"
75	14	Add "--" after "fact the"
80	7	Insert "in" after "And"
80	23	Insert "comments" after "repeat"
80	24	Replace "questions" with "comments", insert "basically" before "I've"
81	17	Change "had the issue" to "had to issue"
81	17 to 18	Change "The incorporating agency were also" to "Also because they are a cooperating agency were also"
82	7	Insert "or" before second "the"
82	8 to 9	Change "resource, management" to "resource management"
83	19	Replace "I want to" with "gentlemen I'll"
88	18	Delete "Okay,", capitalize "thanks"

Page	Line	Correction
89	21	Change “electronic and electrical” to “electro-mechanical”
90	3	Change “representing” to “represented in”
90	4	Add a comma after “curve”
90	8	Change “plan” to “plant”
90	14	Change “exceeding” to “exhibiting”
90	16	Add “DCD” after “AP1000”
91	5	Change “that a” to “that the”
91	5	Change “high-frequence” to “high-frequency”
91	10	Change “This comparison” to “These comparisons”
91	15	Change “seismic category one” to “Seismic Category I”
91	15	Change “seismic category two” to “Seismic Category II”
91	16	Change “by consistence” to “piping systems,”
91	17	Change “electromechanical” to “electro-mechanical”
91	18	Change “analysis” to “analyses”
91	19	Change “test” to “testing”
91	23	Change “analysis” to “analyses”
92	6	Change “seismic category one” to “Seismic Category I”
92	17	Change “structures’ primary” to “structures, primary”
92	17	Change “analysis” to “analyses”
92	19	Change “test” to “testing”
92	19	Change “electromechanical” to “electro-mechanical”
93	4	Change “FSER” to “FSAR”
93	10	Change “evaluation” to “evaluations”
93	14	Change “the three specs” to “these respects”
95	5	Change “plan” to “plant”
96	5	Change “SECY-10-78” to “SECY-10-0078”
99	25	Change “technical” to “tactical”
100	5	Change “a max of” to “accident”
100	7	Change “boiler” to “boiling”
100	10	Change “for EOF” to “for remote EOF”
100	21	Change “or” to “for”
101	3	Change “Lee” to “lead”
104	1	Change “FSER” to “FSAR”
104	13	Change “MR. HUGHES” to “MR. ROCHE-RIVERA”
104	21	Capitalize “(d)”, insert “Duke” after “requires”
105	1	Replace “open” with “opened”
105	7	Change “pre-Cherokee” to “Cherokee”
106	5	Change “cars” to “karst”
107	11	Insert “difference” after “the”
107	16	Delete comma, replace “which had been” with “the Commission”

Page	Line	Correction
107	21	Change “FSER” to “FSAR”
107	21	Replace “contained” with “containing”
107	25	Change “FSER” to “FSAR”
108	9	Replace “AP1000” with “AP1000s”
109	13	Delete comma, insert “on” before second “the”
109	22	Change “Ocone” to “Ocone EOF”
109	23	Replace “facilities” with “facility”
113	10	Replace “an” with “been”
114	1	Delete first “progress,” capitalize second “progress”, and insert “Energy” before “operating”
114	5	Delete “you know”
114	23	Change “progress energy” to “Progress Energy”
115	15	Change “- -” to “a limit”
117	20	Delete “about -- think”
117	21	Change “CARs” to “karst”
117	22	Insert period after “cannot”, delete “--”, capitalize “the”
119	9	Replace “their” with “your”
122	12	Change “permits” to “permit”
124	2	Delete second “maybe”
124	6	Change “MR.” to “MS.”
125	1	Change “COLA” to “COL”
125	13	Change “FERBs” to “FERC’s”
126	7	Change “COLA” to “COL”
126	13	Change “out” to “to”
126	19	Change “based load” to “base-load”
128	23	Change “rely on on” to “rely on in”
130	13	Change “MR.” to “MS.”
130	24	Change “projects” to “project’s”
131	16	Change “stiping” to “striping”
132	2	Change “and” to “an”
133	1	Change “necessitate” to “necessitated”
133	19	Change “planes” to “plains”
133	20	Change “in stream” to “in-stream”
134	1	Change “steam” to “stream”
134	15	Change “plan” to “planned”
135	17	Change “permitting and requirements” to “permitting requirements”
136	14	Change “EIC” to “EIS”
136	23	Replace “say” with “stated”
136	24	Replace “of” with “to”
137	9	Insert “have not” after “we”

Page	Line	Correction
138	5	Replace “Services” with “Service”, insert “has” after “Service”, replace “list” with “listed”
138	7 to 8	Change “As we all do –” to “As a result, Duke”
138	24	Insert “to” after “information”
138	25	Change “COLA” to “COL”
139	1	Delete comma
139	7	Replace “protected” with “threatened”
139	9	Change “issues” to “issued”
139	14	Replace “identify” with “identified by”
140	18	Insert “and” after “Ecologist”
140	22	Change “322” to “332”
141	3	Insert a comma after “selected”
141	10	Insert “will” after “it”
141	12	Change “compensation” to “compensating”
141	14	Replace “idea” with “ideal”
142	12	Change “new insignificant” to “new and significant”
142	21	Delete “just,”
143	1	Change “DIS” to “DEIS”
144	4	Change “predicated” to “predicted”
144	21	Change “or” to “of”
145	5	Change “with out” to “without”
145	17	Change “period” to “periods”
147	5	Change “we confident” to “we feel confident”
149	19	Change “you have” to “you would have”
149	24	Change “COLA” to “COL”
150	5	Change “oncologist” to “alternatives”
150	11	Change “licensees” to “licensee’s”
150	13	Change “in the sense” to “in a sense”
151	23	Replace “it will” with “we’ll”
152	9	Insert “and” after “procedure”
152	13	insert “, as is” after “that”
152	19	Change “FALLOW” to “FALLON”
153	18	Change “lease” to “Lee”
154	23	Change “Burn” to “Burns”
157	20	Insert “my” before “colleagues”
159	15	Delete “both”
159	17	Insert “not only” before second “from”
159	25	Insert “the” before “United”
160	12	Replace “they” with “they’ll”, delete “-- yes,”
160	13	Delete “that’s, Commissioner, it’ll be”

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NUCLEAR REGULATORY COMMISSION

In the Matter of)	
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DUKE ENERGY CAROLINAS, LLC)	Docket Nos. 52-018-COL
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(William States Lee III Nuclear Station)	
Units 1 and 2))	
)	
(Mandatory Hearing))	

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing **ORDER (Adopting Proposed Transcript Corrections, Admitting Post-Hearing Exhibits, and Closing the Record of the Proceeding)** have been served upon the following persons by Electronic Information Exchange.

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[Original signed by Herald M. Speiser]
Office of the Secretary of the Commission

Dated at Rockville, Maryland,
this 4th day of November, 2016