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**Sent:** Monday, April 27, 2020 12:59 PM

**To:** Cassidy, Greg <cassidga@dhec.sc.gov>

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**Subject:** Congaree River Project Update - QTR 1 2020

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Mr. Cassidy,

The attached document serves to provide an update (First Quarter, 2020) of significant activities/milestones to SCDHEC and stakeholders as to the progress of Dominion Energy's permitting efforts of the stakeholder-developed Modified Removal Action (MRA).

As always, please do not hesitate to reach out to me if you have any questions, or if any item in the attached document requires clarification.

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## CONGAREE RIVER PROJECT

COLUMBIA, SOUTH CAROLINA

### QUARTERLY REPORT – FIRST QUARTER 2020

#### SIGNIFICANT ACTIVITIES/MILESTONES – 04/27/20

<u>Date</u>	<u>Milestone/Event</u>
January 3, 2020	DESC's consultants (Apex, ACE and the Certifying Engineer (WSP)) exchanged emails and discussed the ongoing process of revising/modifying the April 16, 2019 submittals ("Hydraulic Analysis" and "No-Rise Certification") based on the discussion from the meeting conducted with the Floodplain Coordinators and SCDHEC on December 12, 2019.
January 7, 2020	Greg Cassidy (SCDHEC) sent an email to Paul Biery (DESC) regarding scheduling a meeting in January 2020.
January 15, 2020	Greg Cassidy sent out a meeting invite to DESC and other entities for a Stakeholder meeting scheduled for January 23, 2020.
January 22, 2020	DESC officially submitted (for review and written approval), the revised "Hydraulic Analysis" and updated "No-Rise Certification" documents to the "Floodplain Mangers":  <div style="text-align: center;"> <p>Ali Kahn – City of Columbia  Heather Brown – Richland County  Chris Stone – Lexington County  Maria Lamm - SCDNR</p> </div> <p>[Please note that various members from SCDHEC, the USACE and the Dominion team were also copied on this email submittal.]</p>
January 22, 2020	DESC completed a routine river and outfall inspection. No problems or issues were observed.
January 23, 2020	SCDHEC conducted a Stakeholder meeting to discuss the current status of the project. The cofferdam design alternatives were discussed, and the stakeholders agreed that the reinforced rock filled cofferdam should be pursued exclusively.
February 4, 2020	DESC's consultants met to review and discuss the status of four major cofferdam design elements currently being developed by WSP:  <div style="text-align: center;"> <p>Updating the Cofferdam Conceptual Design Drawings;  Evaluating the Rockfill Berm Reinforcement Approaches;  Revising the Slope Stability Analysis; and  Reviewing the River Bottom Erosion Evaluation.</p> </div>



- February 6, 2020      DESC completed a routine river inspection. No problems or issues were observed.
- February 7, 2020      Paul Biery and John Cadena (DESC) completed a follow-up phone call to Ali Kahn (City of Columbia). Mr. Kahn indicated that the revised submittal dated January 22, 2020 appeared to be acceptable and that he would confer with his colleagues at the county level.
- February 11, 2020     Paul Biery (DESC) and Rusty Contrael (ACE) conducted a conference call with Heather Brown, Floodplain Manager for Richland County. DESC provided additional information to address Ms. Brown’s comments regarding the January 22, 2020 submittal.
- February 12, 2020     Heather Brown, Floodplain Manager for Richland County, called Paul Biery (DESC) and informed Mr. Biery that she is waiting to hear back from the county engineer and that Richland County will communicate their recommendations through Mr. Ali Kahn at the City of Columbia.
- February 18, 2020     Paul Biery (DESC) sent an email to Ali Kahn (City of Columbia), expressing DESC’s understanding that the revised “No-Rise” submittal from January 22, 2020 is currently under review by the county engineer and that Mr. Kahn will relay all information to DESC, as it becomes available.
- February 19, 2020     DESC’s consultants (Apex, ACE) received an email from WSP that contained updated Conceptual Design Drawings for the reinforced cofferdam approach and the consultants discussed finalizing the draft River Bottom Erosion Evaluation.
- February 24, 2020     DESC provided the Report for the Fourth Quarter of 2019 to SCDHEC, the Stakeholders and the USACE.
- February 24, 2020     Paul Biery and John Cadena (DESC) left a voicemail with Ali Kahn (City of Columbia) inquiring as to the status of the review of the January 22, 2020 submittal.
- February 24, 2020     DESC updated information required for TRC to renew the Underwater Data Recovery License from the State of South Carolina.
- February 27, 2020     Paul Biery (DESC) called Ali Kahn (City of Columbia) on this date. Mr. Kahn indicated that he should be able to provide a better status update by March 2, 2020.
- March 2, 2020         Greg Cassidy (SCDHEC) sent an email to Paul Biery (DESC) inquiring as to the status of the Floodplain Coordinators response to the revised “No-Rise” submittals.
- March 2, 2020         Paul Biery (DESC) provided an e-mail response to Greg Cassidy (SCDHEC) indicating that, based on DESC’s current understanding, the “No-Rise” submittals



were still under review by the City of Columbia and Richland County. Mr. Biery added that he would provide an update, when it becomes available.

- March 2, 2020 Paul Biery and John Cadena (DESC) left a voicemail with Ali Kahn (City of Columbia).
- March 10, 2020 Greg Cassidy (SCDHEC) sent an email to Paul Biery (DESC) inquiring if Mr. Biery had contacted the Floodplain Managers about the status of their review.
- March 10, 2020 Paul Biery and John Cadena (DESC) left a voicemail with Ali Kahn (City of Columbia).
- March 10, 2020 WSP and other DESC consultants conducted a conference call to finalize the Draft Riverbed Erosion Evaluation Report and to continue discussion of options for revising the cofferdam reinforcement approach.
- March 18, 2020 DESC participated in a conference call with representatives from the City of Columbia to discuss the one-year duration period specified in the March 16, 2020 draft approval letter. Upon further discussion, the City of Columbia informed DESC that a final approval could not be issued by the City until after the Permit has been received from the USACE (based on Federal Regulations). The City agreed to provide a conditional approval letter, which would be valid for four years, based on a May 1<sup>st</sup> through October 31<sup>st</sup> construction season.
- March 19, 2020 DESC received the conditional approval letter of the “No-Rise” Certification from the City of Columbia.
- March 19, 2020 Greg Cassidy (SCDHEC) sent an email to Paul Biery (DESC) inquiring as to the status of the county approval letters for the “No-Rise” certification. Mr. Biery indicated his intention to reach out to both Richland and Lexington Counties in the very near future.
- March 20, 2020 Paul Biery and Morgan Harrel (DESC) called and left voicemails with the floodplain coordinators; Heather Brown (Richland County) and Chris Stone (Lexington County), requesting a status update on the review/approval process.
- March 23, 2020 DESC circulated the South Carolina Underwater Recovery License renewal application to senior management for signature.
- March 23, 2020 John Cadena (DESC) received an email from Andrea Bolling (City of Columbia) that provided the reference for the regulation [44CFR60.3(a)(2)] that provided the basis for the decision not to issue final approval, absent a USACE permit.
- March 25, 2020 DESC completed a routine river inspection and quarterly outfall inspection. No problems or issues were observed.
- March 27, 2020 Paul Biery and Morgan Harrel (DESC) called and the county floodplain coordinators on this date (Chris Stone and Heather Brown). Based on the discussion with Chris Stone (Floodplain Manager - Lexington County), Mr. Stone



committed to make his review a priority, and should be able to issue a conditional approval in the near future. The DESC representatives also left a voicemail with Heather Brown (Richland County).

- March 27, 2020 As a follow-up to the phone call of March 27, 2020, Paul Biery (DESC) forwarded a copy of the City of Columbia’s approval letter to Heather Brown (Richland County) via email.
- March 27, 2020 DESC’s consultants (Apex, ACE and WSP) continuing with developing details associated with the reinforcement of the cofferdam approach by reviewing and discussing the most recent draft of the “Slope Stability Analysis” and the corresponding increases to the calculated Factor of Safety (FS) based on adding reinforcement.
- March 31, 2020 Paul Biery (DESC) received a concurrence/approval letter from Heather Brown (Floodplain Manager – Richland County) regarding the “No-Rise” Certification.
- March 31, 2020 Paul Biery (DESC) forwarded the concurrence/approval letter from Heather Brown (Floodplain Manager – Richland County) regarding the “No-Rise” Certification to Amy Cappellino (USACE).
- March 31, 2020 Paul Biery (DESC) discussed the receipt of the Floodplain Managers - conditional approvals with Lucas Berresford (SCDHEC).