

Demonstration for Additional Time for Assessment of Corrective Measures

Dominion Energy South Carolina, Inc – Wateree Station Ash Pond Eastover, SC

The purpose of this statement is to demonstrate that additional time is needed to complete an Assessment of Corrective Measures report for the Wateree Station Ash Pond.

A Release Characterization was initiated at the Wateree Station Ash Pond in accordance with 40 CFR § 257.95 (g)(1) in November 2018 following receipt of the results of the statistical analysis of groundwater quality data from Assessment Monitoring conducted in September 2018 which indicated that arsenic and lithium were detected in groundwater at statistically significant levels (SSLs) above the corresponding groundwater protection standards (GPS). Delineation of the horizontal and vertical extent of arsenic and lithium in groundwater was not achieved during the initial phase of the Release Characterization. Therefore, a second phase of Release Characterization was initiated to complete delineation of arsenic and lithium in groundwater. Groundwater quality monitoring for the second phase of the Release Characterization was conducted in March 2019 and the complete set of second phase groundwater quality monitoring results were received in early April 2019. The second-phase results indicate that delineation of the arsenic and lithium plumes was sufficient to support preparation of the Assessment of Corrective Measures (ACM) report in accordance with 40 CFR § 257.96(a). Inasmuch as delineation of the extent of the SSL constituents was not confirmed until immediately prior to the preliminary compliance date for completing the ACM report on April 17, 2019, the site-specific conditions at Wateree Station Ash Pond meet the criteria that allow for additional time to complete an ACM report per 40 CFR § 257.96(a).

APPLICABLE REGULATION

40 CFR § 257.96(a) Assessment of corrective measures.

(a) Within 90 days of finding that any constituent listed in appendix IV to this part has been detected at a statistically significant level exceeding the groundwater protection standard defined under § 257.95(h), or immediately upon detection of a release from a CCR unit, the owner or operator must initiate an assessment of corrective measures to prevent further releases, to remediate any releases and to restore affected area to original conditions. The assessment of corrective measures must be completed within 90 days, unless the owner or operator demonstrates the need for additional time to complete the assessment of corrective measures due to site-specific conditions or circumstances. The owner or operator must obtain a certification from a qualified professional engineer attesting that the demonstration is accurate. The 90-day deadline to complete the assessment of corrective measures may be extended for no longer than 60 days. The owner or operator must also include the demonstration in the annual groundwater monitoring and corrective

action report required by § 257.90(e), in addition to the certification by a qualified professional engineer.

STATEMENT

Pursuant 40 CFR part § 257.96, Dominion Energy SC Wateree Station will prepare and complete the Wateree Station Ash Pond-Assessment of Corrective Measures report no later than June 17, 2019.

