

Notification of Exceeding the Groundwater Protection Standard

CCR Unit – DESC Wateree Station Ash Pond

Groundwater monitoring wells were installed at Wateree Station Ash Pond to serve as compliance monitoring wells in accordance with 40 CFR Part 257 Subpart D (EPA CCR Rule). The monitoring wells are used to evaluate groundwater quality immediately adjacent to the Ash Pond and within the Wateree Station property boundary.

Pursuant to 40 CFR Part 257.94(e)(1) SCE&G established Assessment Monitoring for the monitoring wells at Wateree Station Ash Pond that indicated Statistically Significant Increases (SSIs) above background for EPA CCR Rule Appendix III constituents in groundwater based on the results of Detection Monitoring.

Groundwater protection standards (GWPS) were established in accordance with 40 CFR Part 257.95(h) for all EPA CCR Rule Appendix IV constituents. Statistical analysis of the groundwater data from the first 2019 Semi-annual Assessment Monitoring event indicated Statistically Significant Levels (SSLs) of arsenic and lithium exceeding the GWPS in groundwater adjacent to the Ash Pond.

Pursuant to 40 CFR Part 257.95(g) SCE&G identified SSLs that exceed the corresponding GWPS for arsenic in MW-AP-02, MW-AP-03 and MW-AP-04 and for lithium in MW-AP-03.