Texas Registered Engineering Firm F-2393
Texas Board of Professional Geoscientist Firm 50036

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1. CURRENT STATUS SUMMARY

As required in Title 40, Code of Federal Regulations, Part 257.90, this section provides an overview of the current status of the groundwater monitoring and corrective action program for the Bottom Ash Ponds (BAPs) located at the CPS Energy Calaveras Power Station:

- At the start of the 2022 annual reporting period, the BAPs were operating under the detection monitoring program, as defined in §257.94;
- At the end of the 2022 annual reporting period, the BAPs were operating under the detection monitoring program, as defined in §257.94;
- At this time, there was no confirmed statistically significant increase over background for one or more constituents listed in Appendix III pursuant to §257.94(e); however, CPS

Monitoring System and Groundwater Sampling and Analysis Program

3.3 DATA QUALITY

ERM reviewed field and laboratory documentat ion to assess the validity, reliability and usability of the analytical results. Samples were sent to San Antonio Testing Laboratory (SATL), located in San Antonio, Texas for analysis. Chain-of-Custody procedures were followed throughout the sample handling process. Data qu ality information reviewed for these results included field sampling forms, chain-of-custody

addition to the data validation that was performe d, descriptive statistics, outlier testing, and temporal stationarity checks were completed to finalize the upgradient dataset.

4.2.1

4.3 ESTABLISHING UPPER PREDICTION LIMITS

A multi-part assessment of the monitoring wells