

**GROUNDWATER MONITORING SYSTEM CERTIFICATION
40 CFR §257.91(f)**

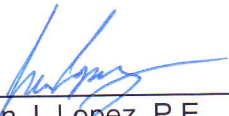
**ARIZONA ELECTRIC POWER COOPERATIVE, INC.
3525 North Highway 191 South, Cochise, AZ 85606**

**APACHE GENERATING STATION
COMBUSTION WASTE DISPOSAL FACILITY**

EPA's "Disposal of Coal Combustion Residuals (CCR) from Electric Utilities" Final Rule (40 CFR Part 257 and Part 261), 40 CFR §257.91, requires the owner or operator of an existing CCR unit to install a groundwater monitoring system. The owner or operator must obtain a certification from a qualified professional engineer stating that the groundwater monitoring system has been designed and constructed to meet the requirements of 40 CFR §257.91.

CERTIFICATION

I hereby certify that the groundwater monitoring system for the CCR Unit located at Arizona Electric Power Cooperative Inc.'s Apache Generating Station located at 3525 North Highway 191 South, Cochise, AZ 85606, and designated as the Combustion Waste Disposal Facility, has been designed and constructed to meet the requirements of 40 CFR §257.91. In particular, the system consists of a sufficient number wells, including one upgradient and three downgradient monitoring wells, that are installed at appropriate locations and depths to yield groundwater samples from the uppermost aquifer that will accurately represent the quality of background groundwater that has not been affected by leakage from a CCR unit. In addition, the groundwater monitoring system is designed to accurately represent the quality of groundwater passing the waste boundary of the CCR unit. The downgradient monitoring system is installed at the waste boundary to ensure detection of groundwater contamination in the uppermost aquifer and all potential pathways will be monitored.



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