FOUR CORNERS POWER PLANT
CCR LANDFILL LINER DOCUMENTATION § 257.70
DRY FLY ASH DISPOSAL AREA (DFADA) SITE 4 LATERAL EXPANSION

Alternative Composite Liner and Leachate Collection and Recovery System Construction – **Completion Criteria**	**Alternative Composite Liner and Leachate Collection and Recovery System Construction –** **Completion Documentation**
§ 257.70 Design criteria for new CCR landfills and any lateral expansion of a CCR landfill. *"§ 257.70 (f) Upon completion of construction of the CCR landfill or any lateral expansion of a CCR landfill, the owner or operator must obtain a certification from a qualified professional engineer that the composite liner (or, if applicable, alternative composite liner) and the leachate collection and removal system has been constructed in accordance with the requirements of this section."*	The Site 4 lateral expansion of the Dry Fly Ash Disposal Area (DFADA) CCR landfill at Arizona Public Service's (APS's) Four Corners Power Plant is designed with an alternative composite liner that meets the requirements of § 257.70 (c) and a leachate collection and removal system that meets the requirements of § 257.70 (d) : 1. *"§ 257.70 (a)(1) New CCR landfills and any lateral expansion of a CCR landfill must be designed, constructed, operated, and maintained with either a composite liner that meets the requirements of paragraph (b) of this section or an alternative composite liner that meets the requirements in paragraph (c) of this section, and a leachate collection and removal system that meets the requirements of paragraph (d) of this section."* In a separate certification dated August 6, 2019, a qualified professional engineer certified that the design of DFADA Site 4 complies with the requirements of § 257.70(c). By this certification, and on the basis of reviewed quality control and assurance records, red-line as-built drawings, and direct participation in the construction as engineer of record, a qualified professional engineer certifies that the landfill and alternative composite liner have been constructed in accordance with the previously-certified design and with the requirements of § 257.70(c). In the same August 6, 2019, certification, a qualified professional engineer certified that the design of DFADA Site 4 complies with the requirements of § 257.70(d). By this certification, and on the basis of reviewed quality control and assurance records, red-line as-built drawings, and direct participation in the construction as engineer of record, a qualified professional engineer certifies that the landfill and leachate collection and removal system have been constructed in accordance with the previously-certified design and with the requirements of § 257.70(d). As summarized above, the new DFADA Site 4 Lateral Expansion has been constructed in accordance with all the requirements of § 257.70(a), § 257.70(b), § 257.70(c), and § 257.70(d).

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Certification Statement 40 CFR § 257.70(f) –

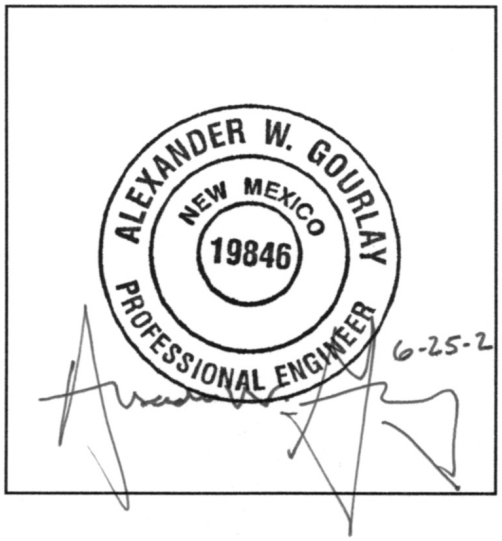
Alternative Composite Liner and Leachate Collection and Removal System Construction for Lateral Expansion of a Landfill CCR Unit:

Arizona Public Service; Four Corners Power Plant; Dry Fly Ash Disposal Area Site 4

I, Alexander W. Gourlay, being a Registered Professional Engineer in good standing in the State of New Mexico, do hereby certify, to the best of my knowledge, information, and belief, that the information contained in this certification has been prepared in accordance with the accepted practice of engineering. I certify, for the above-referenced CCR Unit, that the alternative composite liner and leachate collection and recovery system have been constructed in accordance with the requirements of 40 CFR § 257.70.

Alexander W. Gourlay, P.E.
Printed Name

June 25, 2021
Date



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