

Attachment E

Plain Language Summary

Uranium Energy Corp Permit Renewal Application to Dispose of Waste in a Class I Injection Well WDW-447 and WDW-448

The applicant is Uranium Energy Corp (referred to as UEC). This application and supporting technical document is for a permit to dispose of waste in a Class I injection well. UEC is requesting renewal for two permits for undrilled wells, which are currently permitted as waste disposal wells WDW-447 (proposed) and WDW-448 (proposed). The waste injected in the wells will be wastewater generated primarily during in situ uranium mining and well field restoration operations, which is located three miles south of Woodsboro Highway 77 in Bee County, Texas.

UEC is also requesting an amendment to the permit for WDW-447. WDW-447 and WDW-448 are proposed wells and have not been drilled. UEC is amending the proposed location of WDW-447 within the facility.

The UEC Burke Hollow Project is engaged in in situ uranium mining and well field restoration operations. The principal waste that will be routinely injected is industrial non-hazardous wastewater generated from in situ uranium mining and well field restoration operations. Wastes generated from Burke Hollow Project will include barren lixiviant purge, eluat purge, well and filter backwash, aquifer restoration water, contaminated process area wastewater, and on-site laboratory waste. Other associated wastes such as groundwater and rainfall contaminated by the above authorized wastes, spills of the above authorized wastes, and wash waters and solutions used in cleaning and servicing the waste disposal well system equipment which are compatible with the permitted waste streams, injection zone and well materials.

The wastewater proposed for injection into the proposed WDW-447 and WDW-448 injection wells will consist of a composite of a number of individual waste streams described in Table IX.A of the permit application. The pH of injected waste streams shall be greater than 4.0 and less than 12.0. The specific gravity will not exceed the permitted limit of 1.10 centipoise as measured at 60°F.

This UEC application has demonstrated to a reasonable degree of certainty that there will be no migration of non-hazardous waste from the Injection Zone. Information submitted in this UIC

Permit Application Renewal demonstrates that subsurface injection of the waste stream is protective of human health and the environment. Therefore, the company is confident that injection of waste at the UEC Burke Hollow facility is the best technology available for disposal of the waste stream.