***Location***

Aberdeen, Ohio

***Facility Type***

Residual Solid Waste Landfill

***Client***

Dayton Power and Light Company

***Services Provided***

* Construction Inspection and Quality Assurance
* Construction Certification Reporting
* Soils Pre-qualification
* Engineering Design and Permit Alterations



Excavation and hauling of Structural Fill

Geosynthetic deployment

***Project Description***

NPE has provided soils pre-qualification, construction quality assurance and certification services for the construction of an initial 19.6 acre disposal cell and supporting facilities. Components of the work included:

* Excavation, Structural Fill and Random Fill placement: 2,200,000 million cubic yards (estimated)
* Added Geologic Material: 6,200 cubic yards
* Recompacted Soil Liner: 103,300 cubic yards
* Underdrain Piping: 18,250 linear feet
* Leachate Collection and Cleanout Piping: 5,500 linear feet
* Leachate Transmission Piping: 7,850 linear feet



Additional elements of construction included 7,700 feet of access roadway, drainage channels, two sedimentation basins and a synthetically lined leachate holding pond.

