



Environmental Notice

Volume 10, Number 14
September 1, 1999

from the Savannah River Site

Final remedy design complete for D-Area oil seepage basin

The United States Department of Energy, United States Environmental Protection Agency, and South Carolina Department of Health and Environmental Control announce the completion of final remedy design for the D-Area Oil Seepage Basin Operable Unit at the Savannah River Site. The D-Area Oil Seepage Basin Operable Unit is currently under investigation and will be remediated in accordance with two comprehensive environmental laws, the Resource Conservation and Recovery Act and Comprehensive Environmental Response, Compensation, and Liability Act. This fact sheet provides background information and describes the remedial options selected for this Operable Unit.

Constructed in 1952, the D-Area Oil Seepage Basin Operable Unit comprised a series of unlined trenches. The trenches were used to dispose waste oil products from D-Area as well as waste from other areas at Savannah River Site. As the trenches filled, waste oils and general office and cafeteria waste were periodically burned in the trenches. This practice continued until 1973 when open burning at the Savannah River Site ceased. In 1975 the trenches were removed from service and backfilled with soil. In 1996 an Interim Action was conducted to remove drums, debris, and contaminated soil from these trenches. The results of biovent testing conducted from 1996 to

1997 indicated contaminant levels for volatile organic compounds in the subsurface soils had been reduced to levels that pose no threat to human health and the environment.

The construction start date for the final remedy is September 3, 1999. The following remedial actions have been selected in the Record of Decision:

- Monitored Natural Attenuation/ Groundwater Mixing Zone with Institutional Controls for the groundwater in order to attain drinking water standards. Implementation of this remedial action entails the installation of 9 new wells and monitoring a total of 12 groundwater wells to ensure the final remedy achieves its goals

- No remedial action will be required for the surface soils, sediments, and surface water and no further action will be required for the subsurface soils since the remedial action objectives were met by the Interim Remedial Action

The Corrective Measures Implementation/Remedial Design/Remedial Design Report/Remedial Action Work Plan for the Savannah River Site D-Area Oil Seepage Basin Operable Unit is available in the Administrative Record File. For more information, contact Jim Moore, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC 29808, 1-800-249-8155.

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