

The Savannah River Site Environmental Bulletin

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DOE Requests Temporary Authorization for Corrective Action Goal Dates of July 31, 2020 for the F-Area Hazardous Waste Management Facility and the H-Area Hazardous Waste Management Facility at the Savannah River Site

Per South Carolina Hazardous Waste Management Regulations 61-79.270, the U. S. Department of Energy at the Savannah River Site (SRS) has requested from the South Carolina Department of Health and Environmental Control (SCDHEC) a temporary authorization to provide relief from the Phase 2 July 31, 2020, goal dates for the F- and H-Area Hazardous Waste Management Facilities (HWMFs).

SRS has made considerable progress in meeting the corrective action goals associated with the F- and H- HWMFs. As a result of the on-going corrective actions over the many years the Resource Conservation and Recovery Act (RCRA) permit has been in place, significant improvement in the quality of the groundwater has been realized. However, additional time is needed to further reduce the concentrations of all contaminants in surface water at the F and H seep lines of Fourmile Branch below their respective Groundwater Protection Standards (GWPSs). Based on the current analysis, the maximum expected timeframe for all constituents to reach their GWPSs is estimated to be approximately 40 years.

This Temporary Authorization will allow additional time to achieve the current corrective action goals by bridging the gap between the July 31, 2020, goal dates and the January 2021 submittal of the Revision 0 RCRA Permit Renewal Applications. The renewal applications will include the rationale for the present case regarding additional time needed to achieve the corrective action goals. Once the renewal applications are submitted to SCDHEC, a revised RCRA permit renewal or permit modification will be issued by SCDHEC reflecting adjusted goals that are both manageable and achievable.

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The SRS Environmental Bulletin

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