

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

June 18, 2020

Mr. Brian T. Hennessey
SRS Remedial Project Manager
Infrastructure and Area Completion Division
U.S. Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802



**Decommissioning Project Final Report (DPFR): Shipping Cask and Railroad Car
Repair Facility, 728-N, V-PCOR-N-00022, Revision 0, March 18, 2020, April 7, 2020**

Dear Mr. Hennessey:

The U.S. Environmental Protection Agency, Region 4 (EPA), has reviewed has reviewed the referenced document with respect to the Memorandum of Agreement for Achieving an Accelerated Cleanup Vision for the Savannah River Site (SRS).

EPA approves this DPFR with the following clarifying comment: On p.13, the SPRG [1E-6] is shown to be 0.0691 pCi/g for Cs137. Although this is the correct SPRG, it should be recognized as the results demonstrated with below detection limits for 9 of the 10 samples, that the average global and site background for Cs137 is approximately 0.2 to 0.5 pCi/g. Thus, it's about an order of magnitude above the SPRG, and shows that level, 10-6 risk can never be achieved for this radionuclide. Based on the 1 positive result, 18 pCi/g, we understand the report shows a mean for the industrial scenario of 6.6 pCi/g, with a risk of 9.6E-5. And note, with the limits of Cs137's background level, the background risk is also approximately 10-5. It was then noted that after demolition, no samples were above detection limits. With this, EPA accepts the conclusion of the report, which we recognize is different than DHEC's comments. We propose a call to discuss this issue to help resolve these differences.

If you have any questions or require additional information, please contact me at
(404) 562-8648.

Sincerely,

JON RICHARDS Digitally signed by JON RICHARDS
Date: 2020.06.18 15:55:21 -0400

Jon Richards
FFA Remedial Project Manager
Superfund & Emergency Management
Division

cc: C.L. Bergren, SRNS-ACP
Susan Fulmer, SCDHEC