



**Department of Energy**  
Savannah River Operations Office  
P.O. Box A  
Aiken, South Carolina 29802

**JUL 27 2020**

Ms. Susan B. Fulmer, P. G., Manager  
Federal Remediation Section  
Division of Site Assessment, Remediation and Revitalization  
Bureau of Land and Waste Management  
South Carolina Department of Health and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

Mr. Jon Richards  
Savannah River Remediation Project Manager  
Superfund Division  
U. S. Environmental Protection Agency, Region 4  
61 Forsyth Street, SW  
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Richards:

SUBJECT: Chlorine Gas Cylinders – Highway 278 Information (SRNS-MS-2020-00127,  
Rev. 1, July 20, 2020)

The U.S. Department of Energy (DOE) is submitting the subject information for your files. As discussed with members of your agencies on July 16, 2020, two chlorine gas cylinders were discovered on July 8, 2020 near Highway 278. The area in which the cylinders was discovered is owned by the DOE; however, this is a buffer area and not Savannah River Site (SRS) proper. The chlorine gas cylinders were not used at SRS. To protect human health and the environment, the DOE acted on its Emergency Response Authority as discussed in Section 104 of Comprehensive Environmental Response, Compensation, and Liability Act (42 United States Code § 9604); National Oil and Hazardous Substances Pollution Contingency Plan; Executive Order 12580 – Superfund Implementation; and the Federal Facility Agreement for the SRS, to have the cylinders removed and properly dispositioned. SRS personnel coordinated the removal and disposition of the cylinders by Clean Harbors. The sequence of events from discovery to disposition is discussed in the subject report.

The effort and time that the South Carolina Department of Health and Environmental Control and U.S. Environmental Protection Agency provided during the July 16, 2020 conference call are greatly appreciated.

Ms. Susan Fulmer  
Mr. Jon Richards

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**JUL 27 2020**

Questions from you or your staff may be directed to me at (803) 952-8365.

Sincerely,

**BRIAN  
HENNESSEY**

Digitally signed by BRIAN  
HENNESSEY

Date: 2020.07.27 10:04:40  
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Brian T. Hennessey  
SRS Remedial Project Manager  
Infrastructure and Area Completion Division

IACD-20-174

Enclosure:

Chlorine Gas Cylinders – Highway 278 Information (SRNS-MS-2020-00127, Rev. 1, July 20, 2020)

cc w/o encl:

J. E. Blalock, SCDHEC-Columbia  
G. K. Taylor, SCDHEC-Columbia  
S. French, SCDHEC-Columbia  
M. Reece, SCDHEC-Columbia  
T. R. Fuss, SCDHEC-Aiken Environmental Affairs Office  
B. Cameron, SCDHEC-Aiken Environmental Affairs Office

cc w/ encl:

H. Cathcart, SCDHEC-Columbia  
G. O'Quinn, SCDHEC-Aiken Environmental Affairs Office  
R. H. Pope, EPA-Atlanta