Shelia Mcfalls

From: Shelia Mcfalls
Sent: Wednesday, June 22, 2022 3:20 PM
To: Heather Cathcart (cathcahe@dhec.sc.gov); Diedre Lloyd (lloyd.diedre@epa.gov)
Cc: Fulmer, Susan; Duke Taylor (taylorwf@dhec.sc.gov); Snyder, Sandra; Sara MacDonald; Christopher Slocum; 'Jon Richards (richards.jon@epa.gov)'; Rob Pope (pope.robert@epa.gov); BENDER, DAVID J; HENNESSEY, BRIAN; ADAMS, KAREN; MORROW, KAREN D; DEMASS, JAMES G; HAMMETT, AVERY G; Chris Bergren; Shannan Lucero; Thelesia Oliver; Manuel Terronez; Kelsey Holcomb; Jeffcj Ward; Amy Meyer; J Ross; Steven Conner; Juana Maddox; Brianna Zawacki; Hiott, Trey; Steve Willingham; Grady Friday; James Kupar; Dena Brett; Ira Davis; Joseph Burch; Fuss, Travis R.; Gregory N. O'Quinn (oquinngn@dhec.sc.gov); K. Leigh Beatty (beattykl@dhec.sc.gov); Bethany Cameron; Hannah Herlong; McRae, Mac
Subject: Summary of the June 16, 2022 D-Area Powerhouse (484-D) Electrostatic Precipitators Microsoft Teams Meeting
Attachments: Removal of the 484-D Electrostatic Precipitators.pdf

SRNS-J2000-2022-00425

Heather and Diedre,

The purpose of this email is to provide a summary of the June 16, 2022, Discussion for Removal of the D-Area Powerhouse (484-D) Precipitators Microsoft Teams meeting (see attached presentation) for your files. The participants in the meeting are listed below.

The meeting began with an overview of the D-Area deactivation and demolition activities. The electrostatic precipitators are ancillary equipment that was added to the D-Area Powerhouse (484-D) during its operation. The precipitators are deteriorating and create unsafe working conditions near the 484-D Powerhouse. Their removal and disposal is a powerhouse deactivation step that will be documented in detail in the Facility Decommissioning Evaluation and Decommissioning Project Final Report for the future decommissioning of the 484-D Powerhouse. As requested during the meeting, the Savannah River Site will notify the U.S. Environmental Protection Agency and South Carolina Department of Health and Environmental Control prior to the initiation of the field activities.

Participants	
USDOE-SR	***SRNS***
Brian Hennessey	Christopher Bergren
Karen Adams	Shannan Lucero
Karen Morrow	Thelesia Oliver
Avery Hammett	Kelsey Holcomb
	Manuel Terronez
USEPA-Region 4	Jeff Ward
Diedre Lloyd	Jeff Ross
	Steven Conner
SCDHEC-Columbia	Juana Maddox
Susan Fulmer	Shelia McFalls
Heather Cathcart	Brianna Zawacki
Duke Taylor	James Hiott

Sandra Snyder	Steve Willingham
Sara MacDonald	Grady Friday
Christopher Slocum	James Kupar
	Dena Brett
SCDHEC-Aiken	Ira Davis
Gregory O'Quinn	Joseph Burch
Hannah Herlong	

USDOE-SR – U. S. Department of Energy-Savannah River
USEPA – U. S. Environmental Protection Agency
SCDHEC – South Carolina Department of Health and Environmental Control
SRNS – Savannah River Nuclear Solutions, LLC

Please contact me if you have any questions, comments, or concerns.

Thanks

Shelia L. McFalls | **Savannah River Nuclear Solutions, LLC** | Environmental Compliance & Area Completion Projects | shelia.mcfalls@srs.gov | 1.803.952.6819 office | 1.803.645.8119 cell |1.803.725.7243, #19367 pager |1.803.952.6403 fax |Savannah River Site | Building 730-4B, 3134 | Aiken, SC 29808

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Removal of the 484-D Electrostatic Precipitators



June 2022

D-Area Deactivation and Demolition Overview

- Over 30 buildings removed since 2020
- $12.83 million spent between 2020-2022
- Limited future funding due to SRS mission priorities
- DOE planning to allocate some FY22 carry-over funding for additional D-Area D&D scope
- No planned outyear budget

484-D Precipitator Overview

- **Powerhouse constructed in 1952. Added to 484-D Powerhouse in the early 1970's. Ceased operations 2012, evaluated in 2013.**
- **Hazardous to current field activities. Necessary to improve safety to current D&D workers in the vicinity of the 484-D powerhouse and to future workers when it is being decommissioned.**



Status in 2013

484-D Precipitator Overview



Condition in 2022

484-D Precipitator Overview



Condition in 2022

484-D Precipitator Overview



Condition in 2022

484-D Precipitator Overview



Condition in 2022 with entire facility in view

484-D Precipitator Overview



Conceptual image of 484-D without Precipitators

Strategy for Removal of 484-D Precipitators

- **FY22**
  - Begin planning activities to remove 484-D Precipitators as a maintenance action
  - Develop Statement of Work
- **FY23**
  - Dismantling, removal and disposition of the 484-D Precipitators
  - Develop a Decommissioning End Point Document based on DOE Order 430.1C (not a regulatory deliverable). Incorporate the Decommissioning End Point Document into the future 484-D Decommissioning Decision Documents.