



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

May 22, 2023

Dr. Gregg R. Murray, Chairperson
Savannah River Site Citizens Advisory Board
P.O. Box A
Aiken, South Carolina 29802

Dear Dr. Murray:

SUBJECT: Citizens Advisory Board (CAB) Recommendation #378 - Integrated System Materials Processing (Your letter dated, January 24, 2023)

Thank you for your recommendation regarding Integrated System Materials Processing. The Department of Energy Savannah River Operations Office (DOE-SR) accepts this recommendation and provides the following response.

CAB Recommendation:

- 1. Identify the criteria for integration between Nuclear Materials and Liquid Waste to ensure successful completion of both organizational missions.*

DOE-SR accepts this sub-recommendation. The DOE-SR is already engaged in integrating the organizational missions of Nuclear Materials and Liquid Waste. The two organizations are communicating on a regular basis at both the contractor and federal levels. When planning began for the current Accelerated Basin De-inventory (ABD) mission, Nuclear Materials began working with Liquid Waste to ensure that the mission would complete within the current lifecycle schedule for the Liquid Waste system. Currently, both groups are coordinating operational activities to ensure that H-Canyon can optimize transfers of ABD material into the upcoming sludge batch. Planning and operations are dynamic processes that requires continuous monitoring and adjustments to counteract process upsets and limit impacts from changes occurring in either mission. The DOE-SR understands this is the criteria for success and will continue integration efforts through the completion of both missions.

- 2. Provide a joint briefing to the CAB on the identified criteria for successful completion of the Nuclear Materials and Liquid Waste missions.*

DOE-SR accepts this sub-recommendation. During the introduction to the ABD mission recently presented to the CAB in Savannah, Georgia, DOE-SR identified the overall need for integration between the Nuclear Materials and Liquid Waste organizations. Preparations for the first sludge batch discard of ABD materials and limits on the fissile mass loading of glass waste storage containers are two of the criteria for integration that the two organizations are working on together. Representatives of both organizations will brief these topics during a joint mission update scheduled to be presented to the CAB in 2023.

3. Provide the CAB periodic updates on criteria completion and impacts to mission performance.

DOE-SR accepts this sub-recommendation. DOE-SR currently has a joint Nuclear Materials and Liquid Waste update scheduled to be given in 2023. As additional criteria for mission completion are identified, both organizations will continue to work together to identify optimized solutions tailored to ensure mission success and provide updated briefings on mission performance to the CAB.

The DOE-SR values the CAB's position on the SR programs and, when possible, factors those opinions into departmental decisions.

If you have any questions, please contact Mr. Jeffrey Bentley, of my staff, at (803) 208-7513.

Sincerely,

Michael D. Budney

Digitally signed by Michael D. Budney
Date: 2023.05.22 10:51:22 -04'00'

Michael D. Budney
Manager
Savannah River Operations Office

NMPD-23-0011

cc:

K. Snyder, DFO

A.Boyette, DDFO