

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

April 7, 2023

TO: Christopher J. Roscetti, Technical Director
FROM: A.Z. Kline, L. Lin, Z.C. McCabe, and E.P. Richardson, Resident Inspectors
SUBJECT: Savannah River Site Activity Report for Week Ending April 7, 2023

Tank Farms: Tank Farms management declared a reportable event when they discovered a Limiting Condition of Operation (LCO) was not entered when a lockout was established for a purge flow transmitter. The approved lockout did not identify all the required LCO's in the impacts section based on the boundary points. Once operations discovered the impact, all LCO required actions were completed within the required time period. The Defense Waste Processing Facility, another SRMC managed facility, recently had a similar lockout issue (see 2/7/2023 report).

Solid Waste Management Facility: On 3/29/23, E-Area operations personnel inadvertently placed two low-level waste containers in incorrect locations. While recording the container numbers from the shipping manifest, an operator transposed two similar numbers (#02946 and #02964) in the two procedures for engineering trench operations they were using that day. From that point forward, the procedures were followed as written and container #02946 was placed in Engineering Trench #4 extension and #02964 was placed in Engineering Trench #2, which were the incorrect locations. Another operator performing procedurally required follow-up checks identified the error the next day and notified management immediately. Solid Waste Engineering confirmed that inventory limits were not exceeded and that there were no impacts to the facility performance assessment for either Engineering Trench. All other low-level waste containers from this shipment were confirmed to be in their designated disposal location. The facility conducted a satisfactory issue investigation and is currently developing corrective actions including the path forward for these two containers.