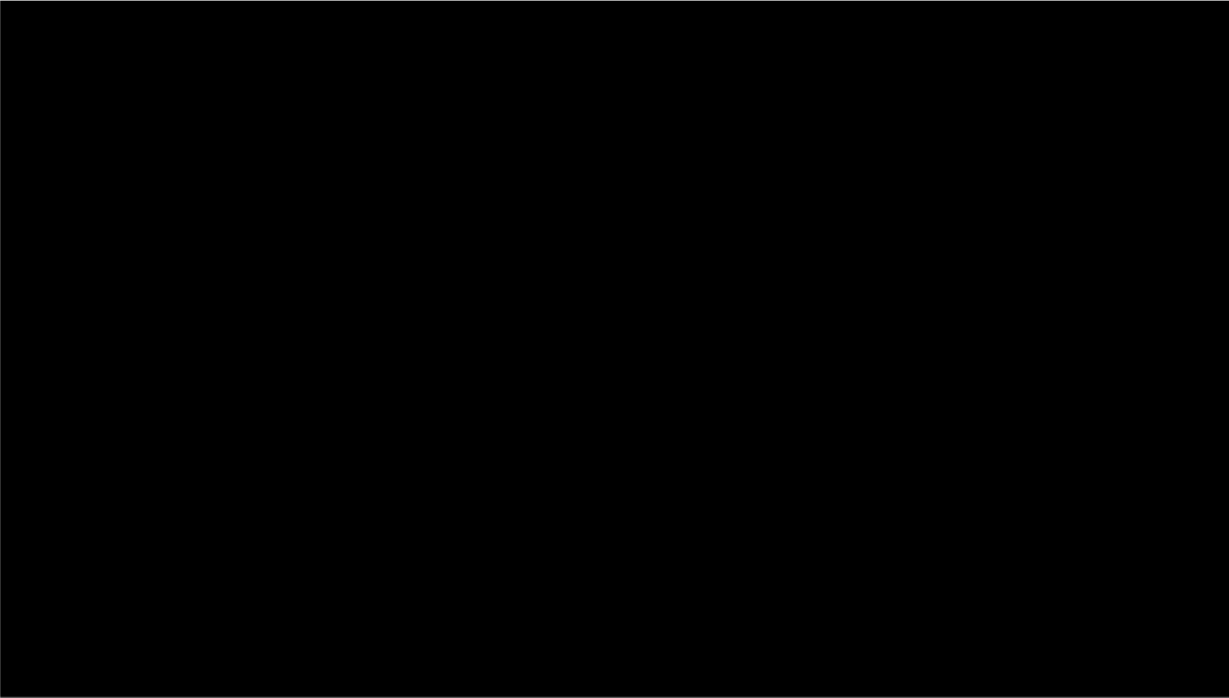


DEFENSE NUCLEAR FACILITIES SAFETY BOARD

June 19, 2020

TO: Christopher J. Roscetti, Technical Director
FROM: M. T. Sautman and Z. C. McCabe, Resident Inspectors
SUBJECT: Savannah River Site Activity Report for Week Ending June 19, 2020



The above section has been redacted because DOE has marked the information as Official Use Only.

Construction: As part of an ongoing construction project in K-Area, personnel were tasked with installing a barrier in a wall opening to isolate part of the facility from the material storage area. Once approved and accepted by the facility, the barrier will serve as a safety class, seismically-qualified fire barrier. During a walkdown earlier this week, project personnel noted that the wallboard screws were not mudded over (joint compound) as per the engineering document. Further investigation revealed that the requirements in the engineering document were not properly flowed down into the design drawings nor was the quality check adequate. The applicable drawing included notes for installation; however, construction personnel did not interpret them as intended. Later, project personnel also identified that the wallboard screws were not countersunk as required in the engineering document and drawing. The drawing note regarding the countersinking of the screws is clearly written. The wall has not been approved and accepted by the facility, so a non-conformance report has not been drafted. As such, K-Area, project, and construction personnel are determining the appropriate path forward for the deficient installation. SRNS personnel have identified several areas for improvement to ensure engineering requirements are properly flowed down to the design documents used in the field. Among the corrective actions identified are to have more detailed discussions during the pre-job briefs to cover specific requirements for safety class construction work and potentially implementing a more rigorous team review of similar design documents. In addition, project personnel will perform an extent of condition review to ensure other similar issues do not exist.