

**DEFENSE NUCLEAR FACILITIES SAFETY BOARD**

December 31, 2021

**TO:** Christopher J. Roscetti, Technical Director  
**FROM:** L. Lin, Z. C. McCabe, E. P. Richardson, Resident Inspectors  
**SUBJECT:** Savannah River Site Activity Report for Week Ending December 31, 2021

**H-Canyon:** During a Resident Inspector familiarization walkdown of H-Canyon, water accumulation was observed on the floor of 2<sup>nd</sup> level in the vicinity of Section 9. Upon inspection, the source was identified as water droplets falling from a run of pipe in the overhead (>7ft from the floor) which is considered a Contamination Area (CA) since it is not routinely surveyed. Steam from a nearby leaking valve was condensing on the pipe and falling to the floor. The DOE-SR Facility Representative reported the spill to the Control Room and Radiological Protection Department (RPD) personnel, and another ensured everyone stayed clear of the area until RPD personnel arrived. RPD and operations response to the spill was adequate and no contamination was found, but the surveys leading up to the spill could have been improved by slowly approaching the spill area. The material deficiency leading to the spill had been previously identified and reported by a DOE-SR Facility Representative to the facility on December 8<sup>th</sup>, but no work request was issued. Following the spill, Operations submitted work request to repair the leaking steam valve. Previous DOE assessments have identified the initiation of work requests as a latent organizational weakness.