

## DEFENSE NUCLEAR FACILITIES SAFETY BOARD

May 23, 2012

**TO:** T. J. Dwyer, Technical Director  
**FROM:** M. T. Sautman, Site Representative  
**SUBJECT:** Savannah River Site Weekly Report for Week Ending May 25, 2012

Dan Burnfield was on leave this week. Mark Sautman was at SRS part of the week. Sanjoy Sircar was at SRS this week helping provide oversight of site activities.

**Savannah River National Laboratory (SRNL):** The site rep met with SRNS and DOE to discuss the draft Justification for Continued Operations (JCO) for the fire water supply system at SRNL (see May 18, 2012 report). The site rep explained his concerns that the JCO allowed work that could start a fire to continue for up to 48 hours when no fire water was physically available. SRNS stated they will revise the compensatory actions in the draft JCO to try to address this concern.

SRNS completed installing a second of four series of blanks between their 1950s high efficiency particulate air (HEPA) filter banks in the 773-A central hood exhaust system. These blanks allow them to reduce the number of HEPA filters that undergo in-place aerosol leak testing at once from six to three. This modification partially addresses one of the Recommendation 2004-2 gaps.

**K-Area:** SRNS commenced their Readiness Assessment for the receipt, handling, and storage of 9977 containers. The observed interviews were satisfactory.

**Emergency Preparedness (EP):** The site rep observed the lead controllers and evaluators discuss their observations of the annual evaluated EP exercise. In general, their observations were consistent with the Board's staff's observations.

**235-F:** SRNS continued to perform troubleshooting activities on the inoperable exhaust fan this week (see May 4 and 18, 2012 reports). Engineers are reconsidering the likely cause of the problem after a fuse blew when operators conducted a no load generator test and the exhaust fans did not swap automatically. SRNS may need an extension to their Technical Safety Requirement Response Plan because of the delays in returning exhaust fan #2 to the operable condition.

**Salt Waste Processing Facility (SWPF):** Six long-delayed vessels arrived at the SWPF construction site. Parsons installed these large vessels inside the central processing area of SWPF. The remaining four tanks should arrive in June.