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SRNS Spring 2025 Update

Jim Dawkins

Executive Vice President & NNSA COO, Savannah River Nuclear Solutions

Governor's Nuclear Advisory Council Meeting, March 2025



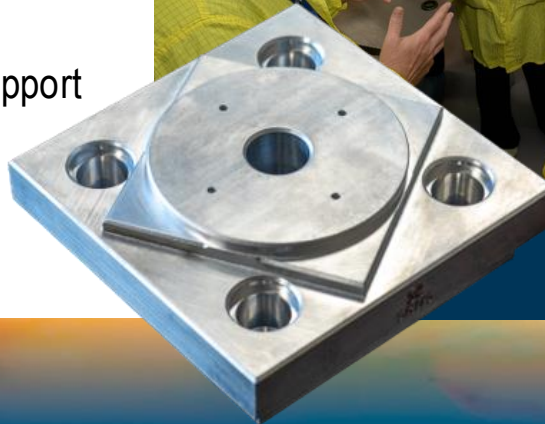
SRS Dilute and Dispose Mission



Important Milestones:

- Exceeded 1 MT of downblended material on 12/28/24
- 61 of 120 downblends completed for FY25
- Completed 9 of 30 planned shipments to WIPP
- Achieved CD2/3 for SPD Project

- **Significant progress in core competency development efforts**
 - Successfully machined Circle-Diamond-Square training object in unclassified Machining Training Center
- **WSB→Weapons Support Building**
- **High Fidelity Training and Operations Center - HFTOC**
- **Extensive cross-site collaborations**
 - Knowledge transfer and mutual support
- **Multiple university engagements**











Operational Updates – Tritium



- Initiated FY25 Extraction Campaign – six planned
- Exceeding all Loading, Review, Packaging and Finishing Goals in support of Department of Defense
- Received CD-4 approval of Tritium Finishing Facility Site Prep
- Working H Area Old Manufacturing Enduring Mission Strategy
- CY25 Outage on schedule and under budget
 - Achieved milestone with removal of 41,000 pound hatch last removed in 2001 to gain access for lifting oversized equipment into H Area New Manufacturing



Operational Updates – H Canyon and L Area



- **Accelerated Basin De-inventory**
 - Completed transfer of ~480Kg uranium solution to liquid waste
- **Fast Critical Assembly Mission**
 - Completed 5 of 10 planned batches in FY25
- **Non-Aluminum Spent Nuclear Fuel Disposition**
 - Dissolving 3 batches of Material Test Reactor Fuel and High Flux Isotope Reactor cores in FY25
- **Received six of 16 off-site spent fuel receipts**



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