SRNS Accomplishments
CAB Meeting – November 2021

Wyatt Clark
Senior Vice President, Environmental Management Operations
Savannah River Nuclear Solutions

November 15, 2021
5,500 Employees “Making the world safer.”

Savannah River Site
Aiken, S.C.

310 square-mile site
11,500 employees
$2.3 billion budget
$2.6 billion annual regional economic impact
$400 million annual local procurements

Environmental Stewardship
for soil, water and facilities

Supplying Tritium
for nuclear weapons deterrent

Securing Nuclear Materials
to prevent unwanted proliferation

Transforming Nuclear Materials
into assets and stable wasteforms

M&O Support Services

$1.7 billion SRNS Budget
Environmental Stewardship

Cleanup of Legacy

- Successful D&D of more than 1 million sq/ft of space
- 40 Soil/Groundwater remedial systems managed
- 20th Anniversary of Phytoremediation

>79% of 515 waste units remediated
Innovative Approaches to Nuclear Materials Challenges

- H Canyon accelerating spent fuel dissolution to peak at 18 per year
- Completed Canadian High Enriched Uranium Liquid and Spent Fuel Receipts
- Processing High Flux Reactor Cores used for medical isotope production
- Domestic and foreign fuel receipts in L Area

Concurrent Dissolutions in H Canyon for first time since 2008
K Area Complex

Advancing Plutonium Disposition from South Carolina

- Downblending plutonium into an unusable waste form
- Doubled qualified staff last two years; Four shift operations
- Completion of downblend optimization/storage and characterization projects advances DOE’s mission of plutonium removal from SC

nearly $100M upgrades & improvements
Surplus Plutonium Disposition Program

- Expands SRS downblending capability with three new gloveboxes
- Long lead procurements approved and in process
- Project completion baseline FY28; targeting FY26
- Significantly increases production capacity

$600M plant upgrade
Workforce for the Future

- Announced major apprenticeship initiative for SRS and CSRA with SC Governor
  - 1000 eligible occupations over targeted industry clusters
  - Apprenticeship Carolina
  - Lower Savannah Council of Governments
  - Aiken Technical College

- 19 active MOU partners in education
  - Now including all eight SC Historically Black Colleges & Universities

- Robust internship program
  - 13 registered apprenticeship opportunities and 88 apprentices enrolled in the program

- Targeting WORC grant recipients
  - Scholarships funded by DOE/NNSA

- Focused succession planning and mentoring programs
INNOVATION • DEFENSE
NONPROLIFERATION • ENVIRONMENT

SRNS

Savannah River Nuclear Solutions
We make the world safer.