

# 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."*



**FLUOR**



**HI** Huntington  
Ingalls  
Industries  
*Hard Stuff Done Right™*



**Honeywell**



## 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

\$1.7 billion

SRNS Budget

## MISSION AREAS



**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 wastefoms



**M&O Support Services**

## Cleanup of Legacy

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



**>79%**  
of 515 waste  
units remediated





# Nuclear Materials Management

## 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/NSA
- **Focused succession planning and mentoring programs**

FY21 SRNS  
Apprenticeship  
Enrollment

88





INNOVATION • DEFENSE

NONPROLIFERATION • ENVIRONMENT

# SRNS

**Savannah River Nuclear Solutions**  
We make the world **safer.**

