

SOUTH CAROLINA NUCLEAR ADVISORY COUNCIL MEETING

Blatt Building, SC State Capitol

Columbia, SC

October 15, 2024

1 – 4 p.m.

Call to Order	Rick Lee, Chair (5 minutes)
<ul style="list-style-type: none">• Welcome and Approve Minutes• Recognize USC for the Nuclear meeting SC Advanced Nuclear Energy Forum	
Santee Cooper VC Summer Site Visit	Jim Little/Rick Lee (10 min)
NNSA - DOE -Savannah River Update	Mike Mikolanis and Mike Budney Savannah River Operations Office (30 minutes)
<ul style="list-style-type: none">• Transition Evaluation• WIPP Shipments• Solar Farm/Alt Energy Update• DOE Funding available for reactor projects	
Savannah River Nuclear Solutions Update	Dennis Carr (30 minutes) President and CEO SRNS
<ul style="list-style-type: none">• Plutonium disposition project• SRPPF Update – CD2/3 and const progress• Operational updates – including Tritium• Radiological Release Drill	
BWXT Micro and SMR Reactors	Joshua Parker, Director Business Development BWXT (20 Minutes)
<ul style="list-style-type: none">• WY Engagement for current project• Path forward, scale-up of commercial micro-react.• Cost of units and time to construct• Progress and early lessons on the first US advanced microreactor under construction	
SRMC Update	Larry Ling Chief of Staff (30 minutes)
<ul style="list-style-type: none">• Regulatory Progress and Achievements• Optimization and Spring Outage Preparation• Summer Interns and Academic Partnerships	
Molten Salt Reactor Fuel	Michael Stake Ken Baer Metatomic Energy (20 minutes)
<ul style="list-style-type: none">• Status of the industry – are you making fuel?• Science of Molten Salt• Facility challenges• Time frame for realization	
Advanced Nuclear Fuels/Spent Fuel Research at USC	Robert Demuth DOE Fellow - Nuclear Eng. (20 minutes)
<ul style="list-style-type: none">• Workforce development in nuclear fuels and matl• Advanced fuels, accident tolerance, and space apps• Molten salt research to support fuels/coolants• Actinides lab to support basic science & collaborations with SRS/SRNL.• Spent fuel research to support safe storage and handling	
Public Comments	3-minute presentations
Closing	Rick Lee – Chair