

A black and white photograph of a nuclear fuel assembly. In the foreground, several fuel rods are visible, each with a complex, multi-faceted top. They are arranged in a grid-like pattern within a dark, metallic structure. The background is dark and out of focus, showing more of the facility's interior.

# Columbia Fuel Fabrication Facility

Governor's Nuclear Advisory Council  
March 2025

# Agenda

- Introductions
- Existing Operations Environmental Updates
- LEU+ Benefits, Impacts, and Key Milestones
- Community Engagement

# Environmental Safety and Risk Reduction

- Environmental Compliance – Minimum standard for performance
- SC-DES Consent Agreement – Continued steady progress; working with Clemson University on treatability study development
- LEU+ Permitting – Scope and schedule development underway for meeting with SC-DES Permit Central late April/May

West I Lagoon Cleanout Start – March 2024



Lagoon Cleanout Progress



Lagoon Cleanout Complete – Dec. 2024



# LEU+ Benefits and Impacts



LEU+ fuel is critical for carbon-free nuclear energy generation

Improved safety and sustainability technologies

Energy efficient upgrades

Conservation landscaping



Create new jobs

Advancement for employees

# LEU+ Key Milestones

## Completed

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- Westinghouse-hosted community drop-in
- Re-zoning request approved by Richland County
- Pre-application meetings with various agencies

## Upcoming

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- Land disturbance notices and permits
- Construction area preparation and land clearing/grading
- US NRC license amendment request
- SC DES permitting discussions



# External Stakeholder Engagement

## Building trust and strengthening the LR Community

- Community Communications
  - Attendance at Lower Richland NAACP, Hopkins Crime Watch and Various Community Association meetings
  - Westinghouse Drop-In on January 16th from 6:00 – 8:00 pm at the Hopkins Community Center
  - Participation in community events & providing emergency response, health & safety support in times of need
  - Use of different methods to share information, e.g., website, mailers, emails, lunches, texts, phone call updates, etc.
  - Quarterly Community Engagement Board meetings with local leaders
- Routine Communications with Regulatory Agencies
  - SC-DES: Weekly updates and Monthly Progress Reports since 2019
  - NRC: Biweekly Calls with Region and Headquarters personnel
  - Regulatory Agency Public Meetings \*\*\* New SC-DES LR Community meeting (monthly) \*\*\*
- Government & Business Organizations
  - Local, state and US politicians
  - Richland County Council & Economic Development Office
  - SC and Columbia Chambers of Commerce
  - Lexington and Richland County LEPCs
  - Nuclear Energy Institute
- Academic Institutions
  - Research project with Clemson University
  - Sponsoring educational programs and scholarships with SC State, U of SC, local technical colleges
- Other Key Stakeholders
  - Employees
  - Customers
  - Faith Based Organizations
  - Industry Partners



# Commitment to the Community



CFFF facilitates a variety of community outreach opportunities, including:

- **STEM outreach** with local schools and educational activities including the SC State VEX Robotics Championship
- Sponsorship of **student activities** – from extracurricular programs, community summer enrichment academies, and WLTX News 19 Player of the Week
- **Fire safety training and equipment donation** for students by its fire brigade, and **site emergency response support**
- **Scholarship opportunities** – including the 2025 IMARA Woman's Magazine-Circle of Influence Leadership Summit, National Association of University Women, and Hopkins High School Alumni Foundation
- **Health programs** with particular interest in senior citizens, underserved, underrepresented communities
- Annual giving to the **United Way of the Midlands**
- Communication and engagement with **community stakeholders**