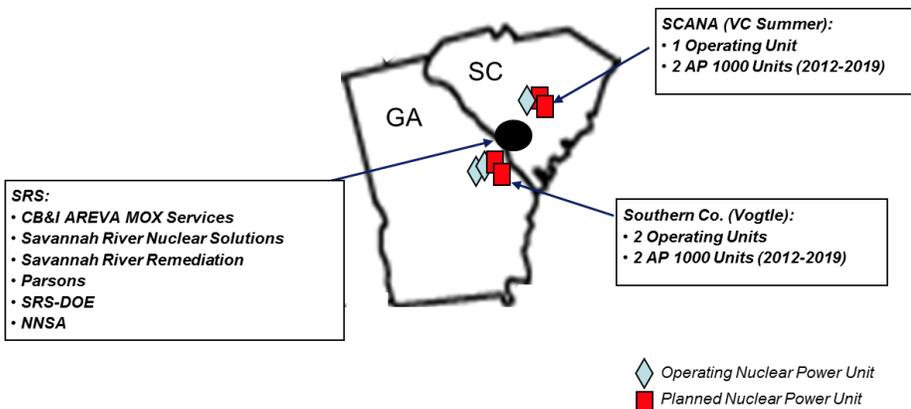


Long-Term Need for New Nuclear Workers

The SRS Community Reuse Organization (SRSCRO) Region of Georgia and South Carolina has the most unique nuclear industry capabilities in the nation. This region is at the forefront of new nuclear power production, environmental stewardship, innovative technology and national security. In 2009, the SRSCRO commissioned a survey of eight area nuclear employers that concluded nearly 10,000 new workers will be needed in the next decade to support existing operations and growth in the region's nuclear industry. That long-term need continues today due to retirements and new industry growth.



Growing Our Own Through Collaboration®

Through the Nuclear Workforce Initiative (NWI®) the SRSCRO is working closely with regional educators, nuclear employers and economic developers to ensure that people in our region have an opportunity to develop the skills they will need to fill regional nuclear industry jobs. We call this effort “Growing Our Own Through Collaboration®.”

NWI® Mission

To promote and expand nuclear workforce development capabilities by facilitating integrated partnerships between nuclear employers and educational and training entities that foster regional educational attainment, economic growth and job opportunities.

Employers participating in the Nuclear Workforce Initiative include:

- Department of Energy Savannah River
- National Nuclear Security Administration
- CB&I AREVA MOX Services
- EnergySolutions
- Parsons
- Savannah River Nuclear Solutions
- Savannah River Remediation
- SCANA Corporation
- Southern Company

NWI® Programs Involve:

- Nuclear Employers
- Post-Secondary Educators
- K-12 Educators
- Economic Developers
- Citizens of the Region

NWI® is preparing local citizens for regional job opportunities through:

- Regional Understanding of Industry Skill Needs
- Aligning Education Partner Programs
- Promoting Nuclear Career Paths
- Local & National Collaboration with a Regional Focus
- Development of Education Tools for K-12 Programs
- Celebration of National Nuclear Science Week
- STEM Career Connections Events

NWI® Goals

- Staffing Needs** - Facilitate collaboration among nuclear employers on regional staffing needs and incorporate staffing strategies into the Nuclear Workforce Initiative mission.
- K-12 Initiatives** - Promote nuclear career paths and enhance science, technology, engineering and mathematic (STEM) programs in coordination with existing K-12 public education curriculum requirements.
- Post-Secondary** - Align and coordinate regional educational and training entity curricula and certification requirements to specific job skill needs of nuclear employers.
- Public Outreach** - Perform outreach and form collaborations to achieve regional and national support to advance the mission of the Nuclear Workforce Initiative.

Regional Accomplishments

- **New Education & Training Programs** - Collaboration facilitated by NWI® resulted in a \$4.8 M Department of Energy grant to build academic programs for long-term nuclear industry needs.

Institution	Programs
Aiken Technical College	Nuclear Quality Systems and Nuclear Welding
Augusta Technical College	Chemical Technology and Nuclear Career Advisement
Georgia Regents University Augusta	Nuclear Science Tracks in Physics and Chemistry Degrees
University of South Carolina Aiken	Specialized Biology Degree in Environmental Remediation and Restoration
University of South Carolina Salkehatchie	Expansion of Science, Technology, Engineering and Mathematics Programs

- **National Nuclear Science Week** – Through NWI® coordination, employers and organizations partner to reach thousands of students at nationally focused events. Activities include Education Days, Site Tours and Interactive Forums.
- **STEM Career Connections** – Hundreds of area high school juniors and seniors learn about career pathways involving Science, Technology, Engineering and Mathematics (STEM) at this innovative forum coordinated through NWI®. Young professionals, engaging employer exhibits and inspirational speakers are combined to communicate employer needs to students preparing for future opportunities.
- **Art and Nuclear Education** – NWI® partnerships have produced the “Nuclear in Action” program which combines basic information about nuclear technology with a creative art activity for an informative outreach lesson suitable for all ages.
- **Education Tools** - NWI® projects have produced a nuclear animation and on-line job shadow tools available to K-12 students in GA & SC. NWI® has establish new traveling science kits and robotics programs for the region.
- **Teacher Workshops** - Through NWI® partnerships, nuclear career opportunities are shared with the region’s K-12 educators.
- **NWI® Academies** - Partnerships formed through NWI® linked energy-industry workforce development groups, local colleges and Workforce Development Administrators to develop programs that assist young adults in building nuclear career pathways.
- **STEM Education Commitment** – The SRSCRO has a signed a memorandum of understanding with the U.S. Department of Energy and five regional colleges that affirms a cooperative partnership to expand STEM education supporting the energy sector and other advanced technology industries.



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