



COMMUNITY REUSE ORGANIZATION

two states, one future

PRESENTATION TO
2009 DOE Regional Nuclear Suppliers Outreach Event
MARCH 17, 2009

Presented by
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www.srscro.org



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What is a Community Reuse Organization?

- Section 3161 of the Defense Authorization Act of 1993 initiated the creation of “Community Reuse Organizations” across the US in response to the negative social and economic impacts of workforce restructuring
- DOE made a commitment to provide financial assistance for economic development and site reuse activities developed by the affected communities
- 15 CROs were formed across the US

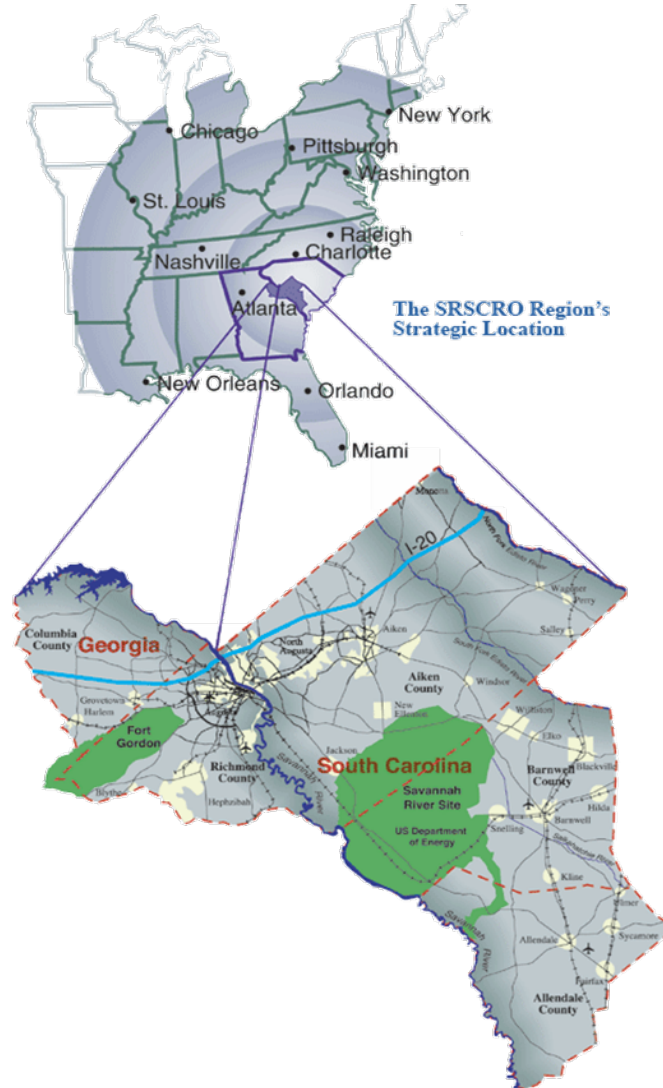


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SRSCRO A Regional Focus

- Board = 22 members (11 from each state)
- Five Counties, Two States
- Regional Economic Development entity
- Designated by Congress as the first CRO (1993)



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Mission and Goals

Mission: Facilitate Economic Development related to SRS technology

- **Goal 1** – Make best use of SRS Assets
- **Goal 2** – Advocate new missions for SRS
- **Goal 3** – Promote CSRA as a world leader in alternative energy
- **Goal 4** – Educate and inform the community regarding federal initiatives
- **Goal 5** – Serve as a knowledgeable united voice of the community in regard to SRS



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Strategic Initiatives

- **Energy Park**
- **Regional Nuclear Workforce Summit**



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Energy Park Initiative (EPI)

DOE's innovative concept to establish a process that facilitates the **development, construction, and operation** of industries compatible with DOE sites to benefit local communities by:

utilizing site properties by the community and DOE to develop large scale energy-related facilities using technologies like wind, solar, biomass, nuclear power, desalinization, geothermal, natural gas, and hydro power.



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Energy Park Concept

- **Contiguous Secure Land Mass Within SRS Perimeter**
- **2,000 plus Acres**
- **Physically located in Aiken and Barnwell counties**
- **Capitalize on CSRA Partnerships & Assets**
- **Lease Revenue Shared Through SRSCRO**



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Energy Park Proposed Uses

- **Alternative Energy**
 - Biomass Steam Generation
 - Wood Pellet Production
 - Biogasification
 - Cellulosic Ethanol
 - Hydrogen Infrastructure & Generation
- **Education & Research**
 - SUNRISE
- **Medical**
 - Medical Isotope Generation
 - Radiological Medical Health Services
- **Nuclear**
 - Commercial



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The Role of Nuclear Energy is Expanding, but a Problem Looms

After a three-decade hiatus, utilities are planning to build more than 30 new nuclear power plants.

The success of the nuclear renaissance may be threatened by a debilitating lack of qualified workers.



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The Nuclear Workforce Challenge

- About half of the nuclear industry's workforce will be eligible to retire in the next 10 years
- DOE has cut support for nuclear science and engineering education
- Construction of new nuclear plants ceased
- Student interest and career opportunities have declined to an all-time low



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The Region Currently Relies Heavily on Nuclear Power

- Georgia's four nuclear units account for more than one-fourth of the state's electricity generation.
- Southern Co. Vogtle Plant – 2 new units
- South Carolina's five nuclear units supply about half the state's electricity demand.
- SCANA VC Summer – 2 new units



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Nuclear Energy: A Growth Industry for SC & GA

More than 90,000 workers will be needed in the next 10 years for commercial and government nuclear work.

-Source: Nuclear Energy Institute

More than 65,000 nuclear-related jobs will be created in Georgia and South Carolina over the next 20 years.

-Source: Oxford Economics, 2008



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What Type of Workers Will Commercial Nuclear Need?

- Construction Workers
- Engineers
- Health Physicists
- Power Plant Operators
- Maintenance Staff
- Training Specialists
- Skilled Trades Workers (Pipefitters, Welders, etc.)



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DOE Needs Nuclear Workers, Too

- Completion of cleanup of the nuclear complex
- Prevention of nuclear proliferation
- Stewardship of the Nuclear Stockpile
- Nuclear-related national security requirements
- Development of isotopes (medical, industrial, space)
- Next Generation Nuclear Plant Designs



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Regional Nuclear Workforce “Whitepaper”

- **SRSCRO Position Paper - “Ensuring a Skilled Workforce for the Nuclear Renaissance”**
 - identify stakeholders and parties of influence,
 - convene a regional nuclear workforce summit,
 - identify and aggressively pursue state and federal funding sources and
 - increase public awareness about workforce needs.



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Regional Nuclear Workforce Summit

- **SRSCRO Two-State Regional Taskforce**
 - Academic
 - Economic Developers
 - Private Industry
- **Booz Allen Hamilton**
 - Survey
 - Summit
- **Summit – May 29, 2009 (Tentative)**



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Conclusion

- **Energy Park and Land Use Agreements**
- vital to regional economy
- **Regional Nuclear Workforce Summit**
- Trained workforce to support nuclear renaissance



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