



Savannah River
Nuclear Solutions, LLC
A Fluor Daniel Partnership

Integrated Environmental Management Decision Making At the Savannah River Site

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2 Background

- Majority of DOE site missions managed by single Management and Operations (M&O) contractor
- Change in site mission execution which utilizes dedicated contractors for specific missions
- New M&O contract required the M&O to be the integrating function for all site contractors
- No formal site structure existed for regulatory integration

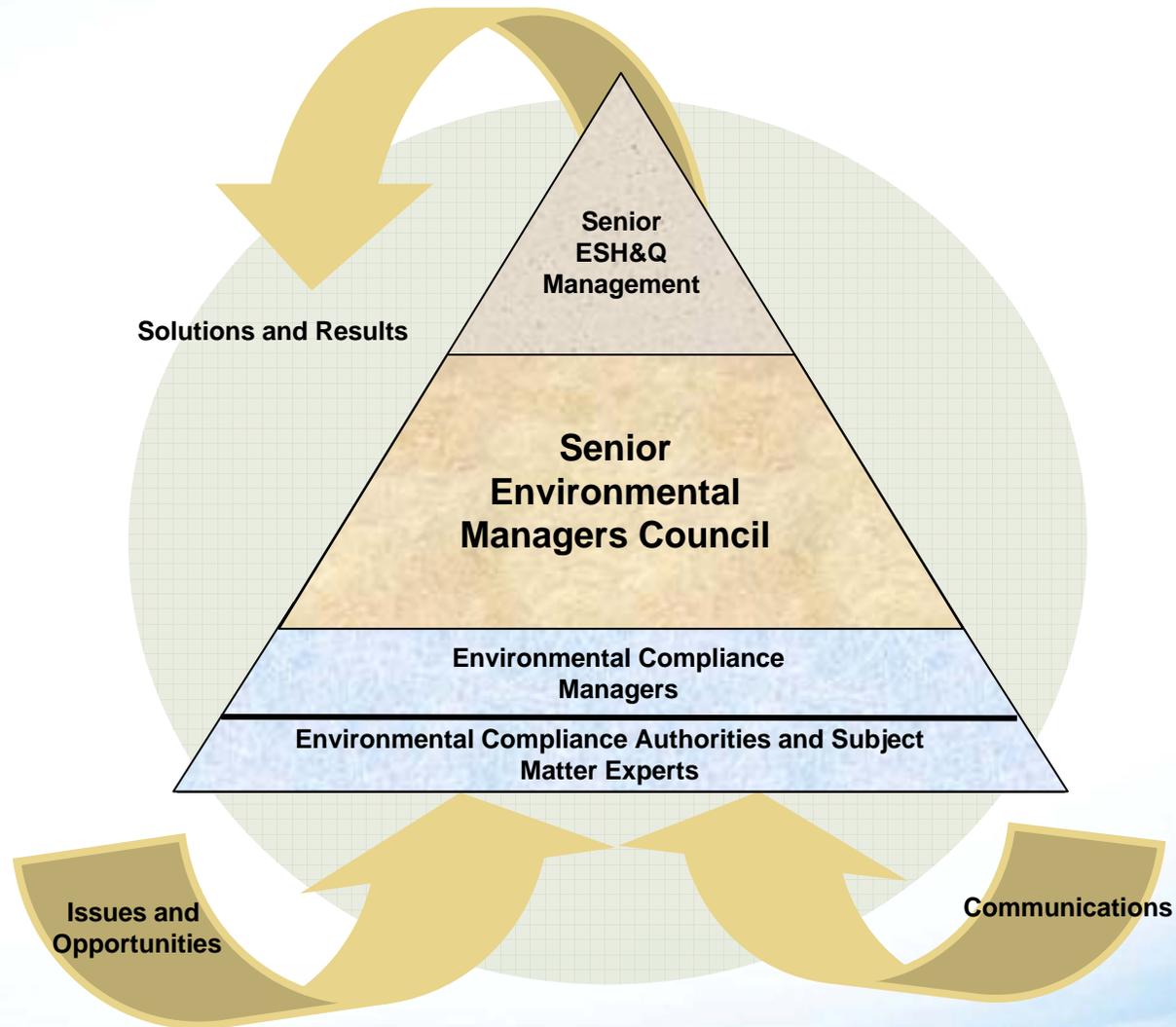
Challenges

In a complex environment of varying missions with multiple organizations, there was a need to establish a process to ensure:

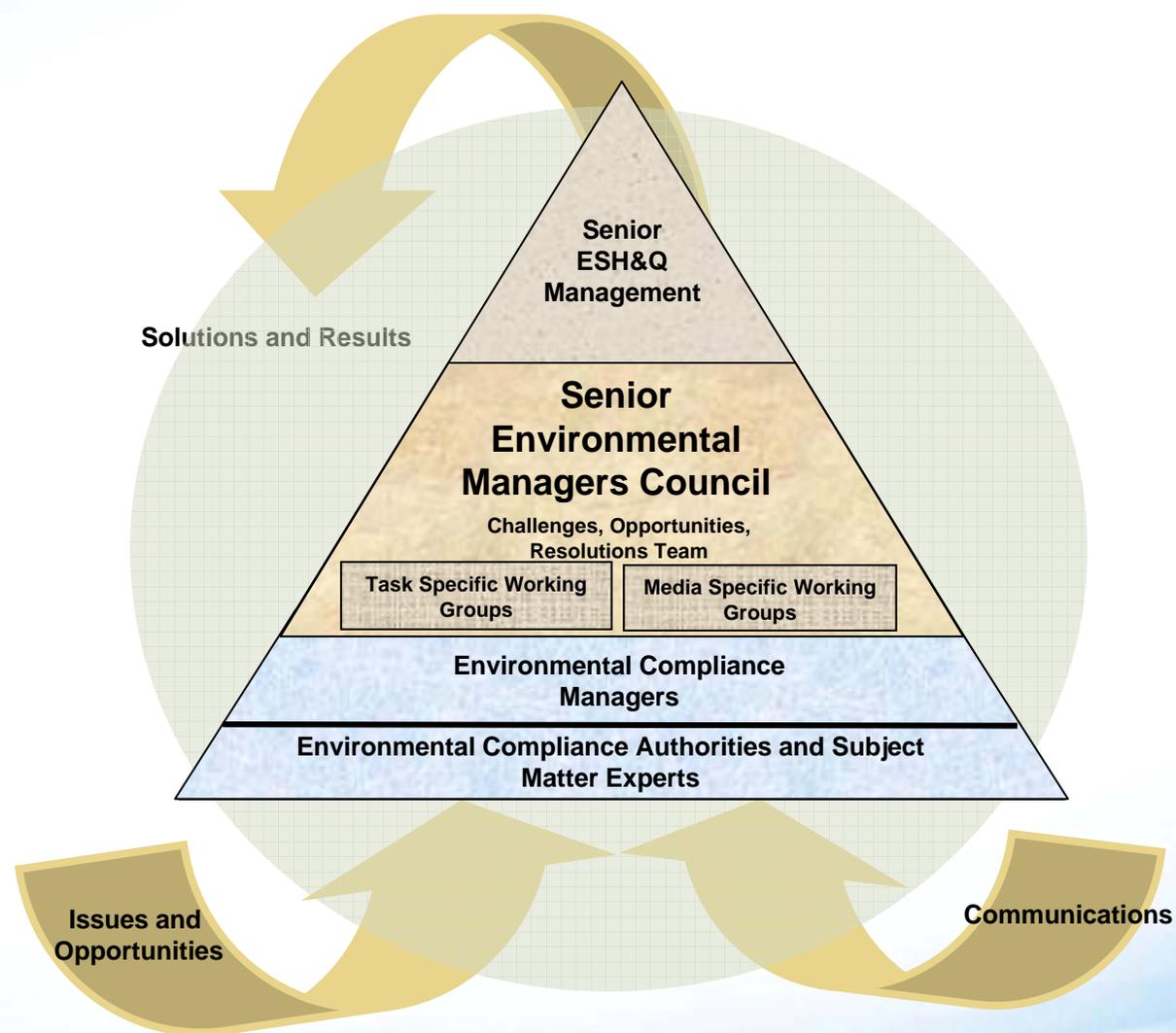
- Successful implementation of site missions and achieving goals
- Consistent approaches for compliance strategies and regulatory communications
- Consistent implementation of environmental policies, objectives, goals, requirements and procedures
- Timely issue resolution and implementation of corrective actions
- Coordinated integration of information, expertise and experience

“Coming together is a beginning, keeping together is progress, working together is success.” – Henry Ford

Solution – Establish Multi-Contractor Regulatory Integration Process



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SEMC Organization

- Comprised of senior level environmental representatives
- Each representative has decision making authority
- Council Chairman and Vice Chairman
 - ▶ *Rotated annually between members*
- Working groups chartered to resolve specific issues
 - ▶ *Recommendations provided for Council approval and implementation*
- Monthly meetings

SEMC Purpose

- Proactive issue identification and resolution
- Proactive opportunity identification and enhancement
- Prompt communication of emerging issues
- Focal point for development and implementation of site-wide policies
- Enhance communication, sharing of lessons learned and best management practices
- Assure consistent implementation of improvements, and directing resolution of designated site-wide issues

Representation

Major Contractor and Tenant Organizations

- Savannah River Nuclear Solutions, LLC
 - ▶ *Management and Operations*
- Savannah River Remediation, LLC
 - ▶ *Liquid Waste Disposition*
- Parsons Corporation
 - ▶ *Salt Waste Processing Facility*
- Wackenhut Services, SRS Team
 - ▶ *Security*
- Shaw-AREVA MOX Services, LLC
 - ▶ *Mixed Oxide Fuel Fabrication Facility*
- Savannah River Ecology Laboratory
 - ▶ *Ecological Monitoring and Research*

Challenges, Opportunities and Resolutions (COR) Team

- Comprised of representatives and subject matter experts from contractor organizations
- Working Groups to formulate and propose to the SEMC opinions, positions, and actions on environmental issues and opportunities.
 - ▶ *Task-Specific*
 - ▶ *Media-Specific*
- Develop and execute strategies and action plans as directed by the SEMC.



Objectives





Objectives





Objectives





Objectives





Objectives





Objectives



Accomplishments

Integrated SCDHEC Environmental Permit Priority List

- Meeting with state regulatory agency to determine needs
- Comprehensive list of environmental permits
- Prioritized list of site permitting needs to support work planning with regulatory agencies
 - ▶ *Prioritized primarily on schedule need*
 - ▶ *Categorized by complexity*
- Avoids permit conflicts before they occur
- Updated quarterly
- Valuable planning tool for state regulatory agency

Adobe Acrobat
Document

Accomplishments

Regulatory Strategy Development Worksheet

- Tool for developing negotiation strategies
- Supported by integrated schedule of major regulatory commitments and activities
- Focus on identifying interests
 - ▶ *Forms the basis for acceptance or rejection*
- Develop proposals based on addressing issues and satisfying interests

Adobe Acrobat
Document

Accomplishments

Developed Issue Resolution Process for NPDES Outfall Compliance

- Outfalls with multiple contributors/contractors
- Integrated team commissioned by SEMC to develop resolution
- Implemented by site wide procedure

Accomplishments

Consistent Program Implementation

- Improved training program for environmental professionals
 - ▶ *Common training program for Environmental Compliance Authorities*
- Improved streamlined plans and procedures
 - ▶ *Reduced number of site environmental procedures*
- Routine review of Environmental Management System goals and objectives

Accomplishments

Improved Communications

- Monthly SEMC meetings
- Quarterly Environmental Compliance Authority meetings
- Bi-Weekly customer meetings

Accomplishments

Teamwork

- Integrated program assessments
- Strong participation by members
- Open and honest communications
- Health, Safety and Environmental Blitz

Path Forward

- Continue to expand and encourage participation
- Develop communications plan to increase visibility
 - ▶ *Periodic update to Integrated Safety Management Committee*
 - ▶ *Annual Performance Report*
- Enhance environmental risk management process
- Continue to enhance the Council roles to ensure long term viability



Questions?



"Never doubt that a small group of thoughtful, committed people can change the world. Indeed. It is the only thing that ever has." *Margaret Mead*