



We do the right thing.

Lessons Learned from the Integrated Independent Evaluation Performed at Defense Waste Processing Facility (DWPF) – March 2011

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Presenter:

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Savannah River Remediation (SRR)

New Process – Integrated Independent Evaluation (IIE)

- Why? To improve efficiency and timeliness and minimize facility impacts
- When? First IIE conducted in March 2011 at DWPF
- What? This was a first of a kind combined assessment/audit for:
 - Parent Company Expert Review Team (ERT)
 - Integrated Safety Management Evaluation
 - NQA-1/ RW-0333P Audit
 - Earned Value Management System (EVMS)

Assessment Dates:

- Feb. 17: Team planning meeting and Defense Waste Processing Facility (DWPF) Meeting
- Feb. 28 - March 7: Document Review
- March 8 - 18: Field Evaluation Activities
- March 18 - April 18: Report writing and factual accuracy review
- April 19: Report Issued
- June 6: Facility issues corrective action report

Assessment Team Composition

- URS ERT Lead for overall assessment
 - ERT Team members from URS Corp. and other DOE Sites

- Safety Management (SM) Team Members
 - SMEs from non-evaluated Savannah River Remediation (SRR) facilities
 - Selected Senior Staff as Shadow Managers

- NQA-1/RW-0333P audit
 - Lead QA Auditor
 - QA Auditors
 - NQA-1 Audit Team Lead (ATL) Trainees

- EVMS evaluation
 - Project Management personnel

Focus Areas:

- SRR Presidential Focus Areas:
 - Work Planning and Control
 - Pre-Job Briefs
 - Engineering Checking and Verification
 - Vendor/Supplier oversight

- Previous safety management reports for DWPF and Tank Farms

- Other Corporate Lessons Learned

Focus Areas considered during assessment planning and determination of appropriate SMEs for assessment team.

Legend

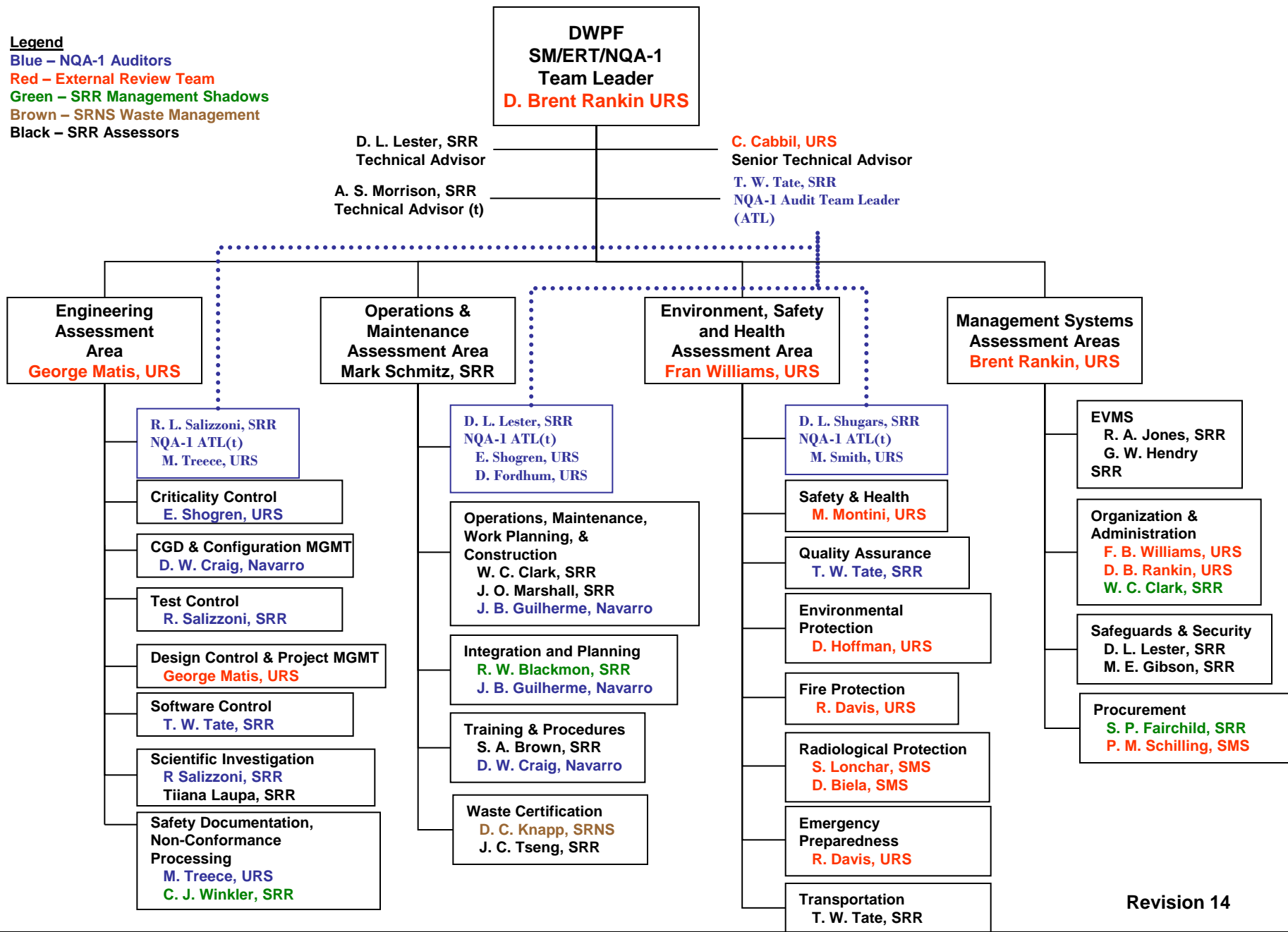
Blue – NQA-1 Auditors

Red – External Review Team

Green – SRR Management Shadows

Brown – SRNS Waste Management

Black – SRR Assessors



Revision 14

- Planning
- Administration/Guidance Consistency
- Staffing
- Categorization of issues

Planning

- Identification and engagement of personnel 8 weeks prior to evaluation
- Scope/responsibilities and an assessment plan developed no later than 3 weeks before the evaluation
- Review practicality of scope – too broad for efficiency and usefulness?
- Synergy of topics (field-oriented assessment areas vs. strictly management/business topics)

Administration/Guidance Consistency

Development of a procedure or guidance document is recommended detailing the External Review Team (ERT) function and vision and should include:

- include guidance on how reports will be managed
- control of corrective action plans
- verification of closure of identified weaknesses
- sharing of lessons learned
- ISMS and Voluntary Protection Program (VPP) evaluation process guidance

Staffing

- Need early commitment on resources especially if corporate staffed
- Include ISMS and VPP SME to guide and review process and results
- Opportunities for personnel development /mentoring

It provides opportunities for broadening individual skill sets by exposing promising personnel to different sites and topical areas.

Categorization of issues

Careful review of categorization of issues between the “Finding” and “Opportunities for Improvement” choices:

- Some minor deficiencies were categorized as “Findings”
- Develop expanded categories (Deficiencies, Observations, etc.)

An Integrated Independent Evaluation process can provide a means of corporate governance and oversight to enhance the compliance, efficiency and overall performance of the evaluated organization

Advantages of this process:

- Meets DOE O 226.1B requirements (benchmarking, use of industry experts)
- corporate experience
- lessons learned/good practices from other DOE and nuclear sites
- supports continuous improvement

Potential challenges:

- Cost can be high for large scope/subcontract work
- Impact of large team to facility activities (planning, performing and post-assessment involvement)