

# Contractor Assurance Systems (CAS)

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# Contractor Assurance System

- The Contractor Assurance System (CAS) is a mechanism used to fulfill the requirements of DOE Order 226.1B, *Implementation of Department of Energy Oversight Policy*
  - *ES&H*
  - *Cybersecurity*
  - *Emergency Management*
- The CAS uses metrics and trends to inform management of performance trends and focus contractor resources on issue resolution
- RL and its contractors have developed robust CAS systems over the past 3 years. All RL contractors have worked together on shared metrics and format and developed robust metrics that have driven improvements in many ESH&Q areas.
- Additionally, MSA has developed metrics on cross-Hanford environmental performance

# Contractor Assurance System

- Each of the contractors Executive Safety Review Boards (executive management teams) meet monthly to review and improve their Contractor Assurance System
- Quarterly CAS/CAM (Corrective Action Management) meetings are held by all 3 contractors with RL to:
  - Discuss the overall CAS system and effectiveness of the metrics
  - Review ESH&Q performance
  - Highlight planned oversight by both RL and the Contractor
  - Review corrective action status
- RL has also developed “stop light charts” to give monthly performance feedback to PRC, WCH, and MSA
- Other DOE sites are now benchmarking our CAS/Stop Light system for use at their sites
- RL and EM Headquarters conducted a first of its kind assessment of MSA, PRC, and WCH’s CAS programs this summer - RL’s 3 contractors were chosen to go first because of the maturity of our CAS systems

# AMSE Stoplight Charts

- AMSE Stoplight Chart Functional Areas:
    - Conduct of Operations
    - Engineering
    - Radiological Protection
    - Nuclear Safety
    - Quality Assurance
    - Environmental
    - Transportation/Packaging
    - Occupational Safety/Industrial Hygiene
- \*Each functional area has several sub-areas.

# RL Stoplight Charts – Sample

Criteria	Discussion	Status from Previous Months		
		Jun 12 ↘	Jul 12 ↘	Aug 12 ↘
<p>1. Radiation Exposure/ALARA →</p> <p>2. Airborne Controls →</p> <p>3. Contamination Controls ↘</p> <p>4. Other ↘</p>	<p><b><u>Good Practices</u></b></p> <p>Improvements in the self-assessment program has made the overall performance rating green flat (additional radiological control management oversight program initiated, and additional personnel were obtained for performing technical oversight).</p> <p>Other has changed from yellow up, to green down due to progress in the improvement of the self-assessment process and increase in self-identified deficiencies (postings, labeling, radiological survey records, procedures and control of radioactive material areas).</p> <p>During September XXX successfully attained DOE accreditation for their radiation protection program.</p>			
<p><b><u>Surveillances/Assessments/Audits</u></b></p> <p>S-12-SED-XXX-044, Radiological Instrument and Calibration</p>	<p><b><u>Issues and Concerns</u></b></p> <p>The surveillance identified four findings and six observations. The findings and observations included: instrument shortages, staffing adequacy, administrative procedure issues and training documentation issues. RL is specifically concerned with the delay in XXX's filling their radiological control manager position.</p> <p>Deficiencies in performance of radiological surveys (included weaknesses in self-identification of these performance deficiencies) makes contamination control a green downward.</p> <p>Observation of radiological work was less than adequate.</p>			