

RADIATION MANAGEMENT OPERATIONAL SUPPORT SERVICES



SI Offers a Full Suite of Operational Support Services

Chemistry

Radiation Management

Environmental

Emergency Preparedness

Equipment

✉ info@structint.com

🌐 www.structint.com

☎ 1-877-4SI-POWER
1-877-474-7693

📍 11515 Vanstory Drive, Suite 125
Huntersville, NC 28078

EXPERTISE YOU CAN COUNT ON

We specialize in **Radiation Safety solutions** across industries, delivering tailored support to ensure compliance, protection, and performance. Whether you're building a program from the ground up or fine-tuning an existing one, we bring proven expertise to every project.

OUR CORE SERVICES

- **Process Development**
 - Custom radiation protection procedures
 - Regulatory-compliant program design
 - Dose and shielding calculations
 - Automation of processes
- **ALARA Support**
 - ALARA (As Low As Reasonably Achievable) planning (Radiological Engineering Controls)
 - PPE selection and hazard-specific recommendations
 - Shielding optimization
 - Exposure reduction strategies for routine and high-risk tasks
- **Effluent Program Assistance**
 - Annual effluent report preparation
 - Development of program complying with regulatory limits
 - Setup, calibration & maintenance of radiation monitors
 - Effluent sampling and tracking protocols

SPECIALIZED ASSESSMENTS & EVALUATIONS

Ensure your facility's safety and compliance through expert analysis in critical areas:

- **Regulatory Compliance Reviews**
 - Preparation assessments to support NRC inspections and ensure compliance
- **Public Dose Assessment & Modeling**
- **Source Term Characterization & Evaluation**
- **Shielding and Dose Modeling (deterministic and probabilistic)**
- **Radiological Waste Classification & Characterization**
- **Emergent Dose Assessment (abnormal or emergency conditions)**
- **TEDE (Total Effective Dose Equivalent) ALARA Evaluations**

Our experts use industry-standard codes and software (e.g., MCNP, MicroShield, RESRAD) and draw on decades of field experience to deliver accurate, defensible evaluations.

WHY CHOOSE US?

- Deep regulatory knowledge
- Proven industry experience
- Customized, client-focused solutions
- Reliable technical support