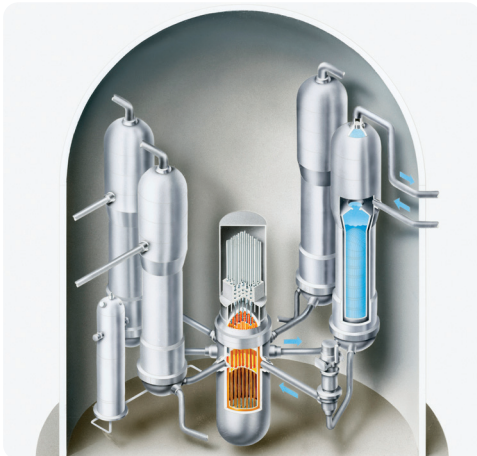


PWR WATER CHEMISTRY OPERATIONAL SUPPORT SERVICES



SI Offers a Full Suite of Operational Support Services

Chemistry

Radiation Management

Environmental

Emergency Preparedness

Equipment

EXPERTS IN PWR WATER CHEMISTRY & OPERATIONAL EXCELLENCE

Structural Integrity specializes in comprehensive Pressurized Water Reactor (PWR) Water Chemistry support for nuclear facilities. Our services are designed to improve reliability, safety, and plant performance through technical precision and expert guidance.

CORE PWR OFFERINGS INCLUDE

- **PWR Operational Training**
In-depth technical and practical training for plant chemistry, operations, and engineering staff
- **Primary and Secondary Resin Optimization**
Reduce procurement and disposal costs while optimizing chemical contaminant control with a resin assessment
- **Chemical Injection Optimization (Amine, Zinc, PAA, and Oxygen Scavenger)**
Corrosion minimization to protect long-term asset health and potential to reduce costs associated with chemical usage
- **Condensate Polishing System Support**
Optimization, troubleshooting, and system performance evaluation
- **Sampling Reduction Evaluations**
Reduce technician workload while maintaining continuous monitoring with a comprehensive evaluation
- **Source Term Evaluation**
Detailed radiological assessments to reduce dose and improve outage performance
- **Knowledge Transfer & Consulting**
Customized mentoring and procedure development to ensure long-term success
- **New Equipment Design & Support**
From concept to implementation—engineering solutions tailored to plant needs

✉ info@structint.com

🌐 www.structint.com

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1-877-474-7693

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Huntersville, NC 28078

AUXILIARY CHEMISTRY SUPPORT FOR CRITICAL PLANT SYSTEMS

Your Partner in Plant Reliability & System Chemistry Optimization

Structural Integrity provides specialized chemical support for balance-of-plant and auxiliary systems in nuclear power facilities, with a strong focus on performance, corrosion control, and radwaste management.

CORE SERVICES INCLUDE

- **Stator Water Cooling System Chemistry**
Purity and conductivity control to prevent generator damage and support reliable operation
- **Open Cooling Water Systems**
Biofouling prevention, corrosion monitoring, and scale inhibition support. Including technology to identify biofouling
- **Service & Emergency Service Water Systems**
Full-system chemistry evaluations, mitigation strategies, and compliance consulting
- **Closed Cooling Water Systems**
Corrosion control programs, treatment optimization, and life-cycle monitoring
- **Liquid Radwaste Processing Support**
Operational guidance and optimization strategies to minimize waste volume, optimize water quality output and improve processing efficiency
- **License Renewal and Extended Power Uprate Support**



WHY PARTNER WITH STRUCTURAL INTEGRITY?

- Decades of Industry Experience
- On-Site & Remote Support
- Customized Programs
- Proactive Approach to Chemistry and Equipment Health
- Emergency & Outage Support

**Contact Us to Learn How Structural Integrity Can Optimize Your
Primary and Secondary Water Chemistry**