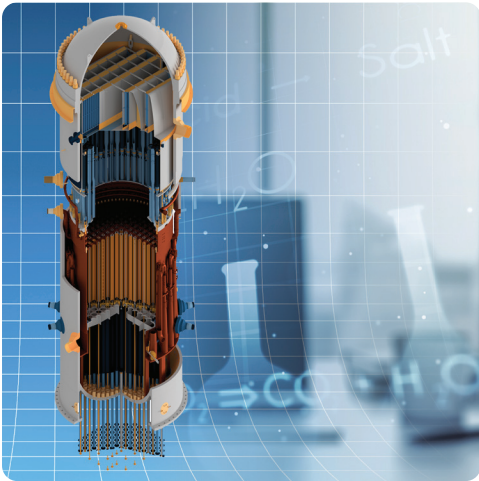


# BWR WATER CHEMISTRY OPERATIONAL SUPPORT SERVICES



**SI Offers a Full Suite of  
Operational Support Services**

Chemistry

Radiation Management

Environmental

Emergency Preparedness

Equipment

## EXPERTS IN BWR WATER CHEMISTRY & OPERATIONAL EXCELLENCE

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

## CORE BWR OFFERINGS INCLUDE

- **BWR Operational Training**  
In-depth technical and practical training for plant chemistry, operations, and engineering staff
- **Condensate Polishing System Support**  
Optimization, troubleshooting, and system performance evaluation
- **Reactor Water Clean-Up Optimization**  
Maximize system efficiency while reducing impurities and exposure risk
- **Source Term Evaluation**  
Detailed radiological assessments to reduce dose and improve outage performance
- **Chemical Injection Optimization**  
CNMI, HWC, Zinc chemical injection system and program optimization
- **Knowledge Transfer & Consulting**  
Customized mentoring and procedure development to ensure long-term success
- **Software**  
Provide and maintain CDIL and ICON execution and training, support of execution for other software as provided by EPRI members (transient tool and BWRVIA)
- **New Equipment Design & Support**  
From concept for implementation—engineering solutions tailored to plant needs

✉ [info@structint.com](mailto:info@structint.com)

🌐 [www.structint.com](http://www.structint.com)

☎ 1-877-4SI-POWER  
1-877-474-7693

📍 11515 Vanstory Drive, Suite 125  
Huntersville, NC 28078

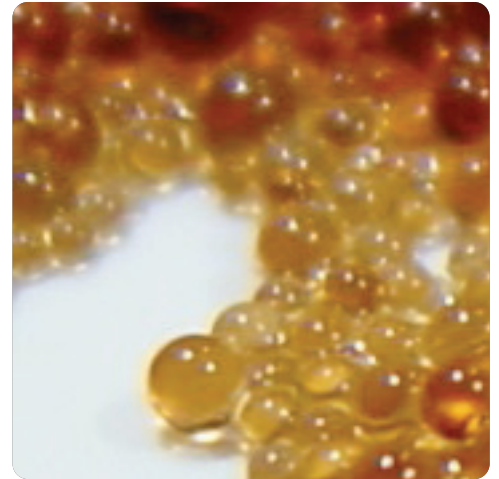
# AUXILIARY CHEMISTRY SUPPORT FOR CRITICAL PLANT SYSTEMS

## 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**