

***Structural Integrity***  
*Associates, Inc.®*



# TOP 10 Areas Where We're Generating Solutions

## 1 BWR and PWR Internals

- 2 Flaw Evaluations
- 3 Fatigue Management
- 4 Seismic Re-evaluation
- 5 Underground Pipe & Tank Integrity
- 6 Materials and Corrosion
- 7 PWSCC/Alloy 600 and IGSCC
- 8 Vibration
- 9 Nondestructive Examination
- 10 License Renewal Support

**877-474-7693**  
**(877-4SI-POWER)**

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



Scan the QR Code to tell us your most pressing needs.

# CRACKING THE CODE

## OF INTERNALS AGING MANAGEMENT

**Integrity. It's critical in your plant's systems and in the partners you trust them to.**

At Structural Integrity Associates, "integrity" is our middle name. We've earned our reputation as a trusted industry partner by bringing out the best in nuclear plants for more than a quarter of a century.

Nowhere is integrity more important than in reactor internals. And as plant ages, internals aging management becomes even more critical. Structural Integrity can be a powerful ally in "cracking the code" of age-related degradation. Here's how we can help:

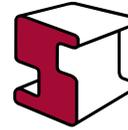
- BWR Reactor Internals Management – We are uniquely qualified to help you manage BWR internals and implement BWRVIP Inspection and Evaluation Guidelines – including proactive analysis, outage preparation, emergent flaw evaluations, and repair/replacement reviews. For more complex degradation or crack configurations, SI can perform sophisticated structural mechanics evaluations to reduce the excess conservatism in some of the industry guidance documents.
- PWR Reactor Internals Aging Management – U.S. utilities must implement PWR internals aging management programs soon, including inspections, to meet the requirements in MRP-227-A. We provide valuable technical support for programs development, identifying significant aging effects and susceptible (primary category) components, developing inspection plans and flaw handbooks, evaluating repair/replacement options, and providing outage support related to vessel internals for both current license period and for license renewal.

Our team of experts will use the most advanced tools and technology to assess your system. Then, we'll work with you to develop a customized action plan to combat the effects of internals aging – and keep you in compliance.

When your internals need some external care, Structural Integrity is your one-stop-shop!

Call **1-877-4SI-POWER** or visit our website at [www.structint.com/Top10](http://www.structint.com/Top10) to learn how to put our energy to work for you.

**You generate the power. We'll generate the solutions.**



**Structural Integrity**  
Associates, Inc.®

11515 Vanstory Drive Suite 125  
Huntersville, NC 28078

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