

Structural Integrity
Associates, Inc.[®]

TOP 10 Areas Where We're Generating Solutions

- ① BWR and PWR Internals
- ② Run/Repair/Replace Decisions
- 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/Top10



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

CAN YOUR PLANT HANDLE SEISMIC STRESS?

Your plant was built to withstand all kinds of demands and disasters – and does a nice job of it, too. But it only takes one cataclysmic event – like Japan’s Fukushima Daiichi plant in 2011 – to remind us the importance of your plant’s rigorous design.

As a leader in the prevention and control of structural and mechanical failures, Structural Integrity and its wholly owned subsidiary, ANATECH, can analyze and, as needed, identify and support modifications to your plant to withstand beyond design basis events including seismic and severe weather events. Our team of respected industry professionals has the know-how you need to keep your plant in compliance with NRC requirements for seismic hazard re-evaluation.

Armed with the most advanced and reliable tools and technology, together we offer structures and seismic evaluations you can trust. We use linear-elastic and non-linear structural and stress analyses to measure the impact of mechanical, thermal, static, and dynamic loads on nuclear plant structures, systems and components, including:

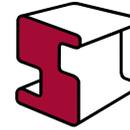
- Pressure vessels
- Tanks
- Piping systems
- Pumps
- Tubing
- Headers
- Heat exchangers
- Valves
- Reactor Internals
- Turbines
- Building structures
- Control cabinets
- Control Room consoles
- Spent fuel pools
- Containments

We rely on state-of-the-art computer codes such as ANSYS®, ABAQUS and LS-DYNA® for finite element analysis of structures and components, and PIPESTRESS for piping system analysis.

Through partnerships with other qualified suppliers, we also offer the full range of seismic hazard evaluations required to respond to the NRC 50.54(f) seismic information requests resulting from the Fukushima Near-Term Task Force (NTTF), including NTTF Recommendation 2.1 and its use in closing GSI-199.

As a trusted partner to the nuclear industry for 30 years, we have an unshakable reputation as a team you can trust. Call **1-877-4SI-POWER** or visit our website at www.structint.com/Top10 to learn how we can keep your plant on solid ground.

You generate the power. We’ll generate the solutions.



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