



tioga[®]

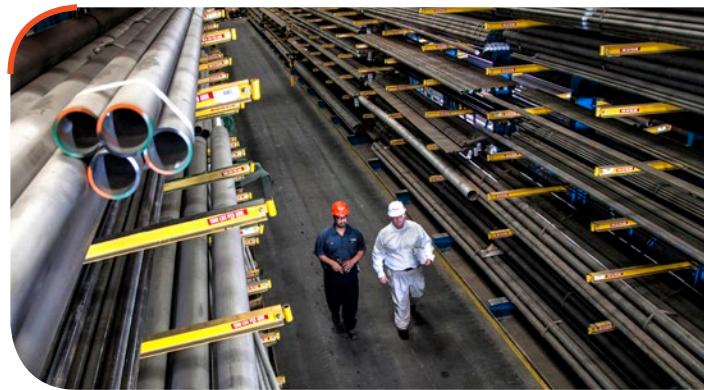
nuclear power generation



Mission-Critical Materials: Nuclear Power Projects

An average of \$1 million in revenue is lost every day that an operating reactor is down, making the timing for an operating plant retrofit absolutely critical. With stakes this high, it has to be right. And when it has to be right, it has to be Tioga.

Tioga Nuclear® has your critical components covered—every time. The key lies in our more than 150 cumulative years of nuclear power experience. With some of the strictest requirements in the world, nuclear power generation plants can rely on just a few providers—but only Tioga has the material inventory, code knowledge and global relationships to get the job done right.



It all starts with an unparalleled inventory of special metals.

With our worldwide distribution channels and closely maintained mill relationships, we're able to gear our nuclear inventory to your retrofit schedule. Need carbon, stainless, AL-6XN or a material manufactured to your design? We have you covered. And if we ever don't have what you need on hand, we find it. Fast.

As an ASME Certified Material Organization, you can count on us to cover all size ranges, control an item's actual cost, and consistently deliver what you need on spec and on your schedule.

24/7 emergency service

Tioga Nuclear® supplies projects when others can't—especially on accelerated timelines.



Call us at 800.523.3678
for whatever you need.

With a high level of precision, success is guaranteed.

A slowdown in your project isn't an option for you—and failure is not an option for us. That's why Tioga has thoroughly measured for accuracy and tested for tolerances since 1982—making our nuclear quality assurance program the longest continuously operating in the country.

With audits by nuclear industries (NIAC) and nuclear utilities (NUPIC), you can trust our program and processes to be qualified for your challenging applications. Any additional testing required by our customers is performed in our state-of-the-art in-house lab or certified third-party testing facilities.

Testing includes:

NON-DESTRUCTIVE

- Ultrasonic testing (UT)
- Hydrostatic testing
- Positive material identification (PMI)
- Radiography (RT)
- Magnetic particle (MP)
- Liquid penetrant (LP)
- Eddy current (ET)

DESTRUCTIVE

- Chemical analysis
- Mechanical testing
- Flattening and bend tests
- Photomicrographs
- Metallography
- Impact testing
- Hardness testing

We are certified and compliant to the following stringent nuclear requirements:

- ASME for Section III (QSC)
- 10CFR50 Appendix B
- N45.2
- NQA-1
- CAN3-Z299 SERIES

High-Quality and Highly Accessible Products and Materials

We specialize in the following nuclear products:

- Pipe
- Sheet
- Channel
- Tubing
- Fasteners
- Weld rod
- Fittings
- Bar
- Forgings
- Flanges
- Angle
- Castings
- Plate
- Beam

And carry these nuclear-spec materials:

- Carbon
- 6 moly alloys
- Stainless
- Low temperature
- Chrome moly
- Special metals
- Nickel alloys
- Copper
- Duplex
- Titanium

With zero room for error, the cost, lead time, quality and delivery for nuclear power generation projects must be exactly as promised. That's why plants across the world look to Tioga Nuclear® to supply their mission-critical components.

Speak to your sales representative to see what we can do for you.

