



YOUR CHALLENGE. OUR EXPERTISE.

PDI-QUALIFIED & EPRI-ENDORSED OUTAGE EXPERTS USING CUTTING-EDGE TECHNOLOGY TO MEET COMPLIANCE REQUIREMENTS

You can count on IIA's team of experts to ensure the continued reliability and safe operation of your plant. We have the ability and capacity to respond to multiple concurrent outages, and we take pride in meeting or exceeding your schedule requirements. We are committed to minimizing downtime and maximizing resources.

We promise you that the most highly qualified and expertly trained professionals work on your behalf. From ASNT Level II and III Technicians to Certified Weld Inspectors we provide all in-service IST and ISI inspection work. Our professionals are responsive and can mobilize quickly to meet all your facility needs.

IIA'S EXPERT OUTAGE PROCESS

- Identify exam and maintenance needs for major equipment and assign outage status.
- Develop a detailed outage plan and tracking system to include pre-shutdown testing, repair work, maintenance action items, which includes predictive maintenance, and post-repair testing.
- Identify and plan for materials. Multiple unit outages (component movement and refurbishment) can be supported.
- Assign and schedule work to ensure efficiency and cost-effectiveness.
- Daily process and progress is assessed in order to properly and effectively conduct and coordinate work.
- Post-outage documentation, reports, reviews, and data are completed and delivered.

Boiler Inspection

- Reactor Vessel, Condensate, & Reactor
- Storage Tank Inspections
- Piping Inspections
- Valve & Nozzle Examinations
- API 653 Tank Inspections
- API 570 Pipe Inspections
- API 510 Pressurized Vessels
- IRIS & Near Drum Testing
- Heat Exchangers (Eddy Current)
- Hydrogen Damage Inspection
- Ultrasonic Mapping

Visual Inspection

- Traditional NDE
- Advanced NDE
- Ultrasonic Testing (UT)
- Magnetic Particle (MT)
- Dye Penetrant (PT)
- Phased Array (PAUT)
- Conventional Ultrasonics (UT)
- Eddy Current
- Absolute Recordable Manual Ultrasonic Testing (ARMUT)

Our Nuclear Services Team Also Provides

- Outage Planning
- CWI Services
- Burner Set Up
- Project Management
- Quality Assurance
- Quality Control

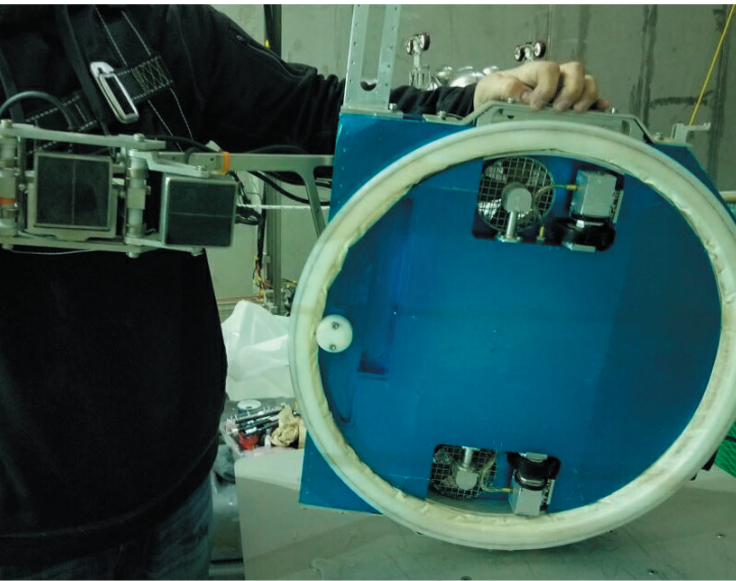
“Nuclear power plants are unique and require adhering to special safety rules and processes. I believe IIA's nuclear site experience was a critical factor in the project's success.”

- A Key Leader from the Nuclear Division of a Fortune 100 Energy Company



DECADES OF EXPERTISE

When you partner with IIA, you receive over four decades of trusted industry knowledge and expertise. We conduct safe, quality outage inspections and provide outage planning and other maintenance needs across North America. Our professionals are expertly trained and have hands-on experience in all inspection and testing methods. We also ensure our technicians understand plant operations, compliance guidelines, safety goals, and all other important plant needs.



PROPRIETARY TECHNOLOGY

We use a combination of traditional and advanced NDE, but IIA's own patented technologies make us the trusted service provider. The patented **ARMUT**[®] is used to inspect piping welds and complex geometry and provides the highest data quality regarding elbow welds. IIA's **AIRIS**[®] is designed with QR Code scanning technology to thoroughly and accurately inspect components inside RPVs. Nitrojet high-pressure cleaning removes contamination. **PASS**[®] offers more reliable data regarding valve operability and predictive maintenance.



PLANT HEALTH & COMPLIANCE

Our proprietary methods need fewer crew members and aid in lowering radiation exposure. Also, our patented technologies offer more innovative ways to inspect and retrieve qualified data. Some of our proprietary technology is used in lieu of radiography, which provides a safer testing environment while working with fewer on-site crew members. Our team of professionals record flaw qualifications and can assist you with mitigation strategies. We provide benchmark information to assist in monitoring the health of your facility.

Do You Need To Talk To An Expert?

Let us provide your company with all of your plant needs for the future.

Contact us at 979-399-7151 or visit us at industrial-ia.com/iaa-industrial-inspections/nuclear-service/nuclear-outage-services

