ADZ
A Solutions-Based Approach for Predictable Nuclear Projects
ADZ is a joint venture company that combines the world-class expertise of AREVA and Day & Zimmermann in the execution of engineering, maintenance, modifications, and construction projects.

AREVA and Day & Zimmermann have teamed together for more than 20 years providing a broad spectrum of services, including design/procure/build projects and plant modifications as well as maintenance, power uprates, outage services, and other large and complex projects and plant upgrades. ADZ was formed to provide a new paradigm in project execution for the nuclear industry, leveraging the breadth and depth of each partner and their position in serving the nuclear fleet.

For customers, this means full integration of project team members resulting in streamlined project startup. ADZ has established operating policies and procedures, a dedicated staff, and a proven record of experience delivering projects across the U.S. nuclear industry.

The ADZ model for EPC projects is structured around risk identification and mitigation throughout the full execution. The risk being addressed is both ADZ’s risk as well as the Owner’s risk as both can impact the success of the project. The EPC model is staged to allow for incremental periods of risk discovery and understanding and for the Owner’s benefit to perform incremental commitments through contract releases when segments of project risk are well understood. The optimum gain to the Owner for using the process is a project delivered with predictable cost and certainty in its execution. All dedicated to delivering Solutions from A to Z.
The unified strength of ADZ delivers integrated, end-to-end solutions for nuclear utilities.

**Engineering, Procurement and Construction**
- Project certainty and predictability
- Single-point accountability
- Single contract
- Partners vested in each other’s success

**Certainty and Predictability of Cost and Schedule**
ADZ embraces customer goals of schedule certainty, cost assurance, safety and quality, risk avoidance and teamwork while leveraging an innovative process for project planning. The process was developed based on decades of industry experience and supporting principles from INPO, PMI, and CII.

**Benefits**
- Provides the platform to approach plant upgrade projects with a single contracting model
- **Two industry leaders** with the full depth and breadth of services and experience for seamless execution
- Provides a more competitive solution while leveraging strengths of each company
- Provides full-scope **engineering, procurement and construction** capability for nuclear plant upgrade modifications
- Allows a highly competitive overall blended rate structure
- Integration of engineering and implementation provides focus on constructability and “Total Installed Cost”

**Engineering Alliances**
We take great pride in creating a collaborative culture of teamwork to achieve high levels of performance for nuclear utilities. In an engineering alliance, we will evaluate plant issues and develop innovative solutions while considering total installed cost. Over the past 10 years, we have dedicated more than 800,000 man-hours to delivering solutions through our engineering alliances, and the concept has become a standard for the U.S. nuclear industry.

**Solutions-Based Project Approach**
Our solutions-based approach incorporates years of industry experience, utilizing project professionals with extensive system experience, SRO experience, and plant operations and startup experience, along with ADZ’s global reach. During Phase 1 of a project, we establish a solid foundation for the project with stakeholder alignment, documented roles and responsibilities, well-defined engineering constraints, EPC team-vetted solutions and order-of-magnitude construction cost estimates. Phase 2 kicks off from the momentum built in Phase 1, where detailed engineering, construction input and planning, procurement planning and integrated project scheduling are performed, resulting in a fully constructible design, a target price construction proposal and a solid project structure for the team to execute the installation, testing and turnover.
ADZ is dedicated to unifying engineering, procurement and construction resources and expertise for the benefit of the U.S. nuclear power industry,” said Bob Fraser, President of ADZ. “As the business continues to grow, ADZ is poised to serve customers with the operational excellence needed to ensure the safety and reliability of the U.S. fleet. By leveraging the strengths of ADZ’s professionals and commitment to nuclear power, we work hard to deliver the right results with predictability you can count on.

Since 1994, AREVA and Day & Zimmermann have teamed up to provide:
- Engineering-only solutions
- Task management with craft labor/field implementation
- Modification solutions to enhance plant performance and reliability
- Nuclear steam supply system piping, nozzle repairs, steam generator support, reactor piping system inspection and repairs, and a host of major plant modifications projects on safety-related and non-safety-related systems

ADZ is poised to deliver “Solutions from A to Z.”

What you can expect:
- Excellence in safety and human performance
- First-time quality in the delivered project
- On time, on budget performance
- Risk management and mitigation — no surprises
- Teaming with the Owner organization in a seamless and transparent execution
- Certainty and predictability in project execution
ADZ is a joint venture that combines the world-class capabilities of AREVA and Day & Zimmermann to offer comprehensive engineering, procurement and construction services to the U.S. nuclear utilities sector. AREVA and Day & Zimmermann have a long-standing, successful history of working together on complex nuclear plant projects that drive efficiencies and increase accountability and predictability while reducing costs. This innovative joint venture provides the framework for both companies to further their commitment to providing integrated end-to-end solutions to the nuclear industry. The company is headquartered in Philadelphia, Pa., with principal offices in Lynchburg, Va.; Lancaster, Pa.; Greenville, S.C.; Fort Worth, Texas; Marlborough, Mass.; and Charlotte, N.C.

Robert G. Fraser
President
ADZ
7207 IBM Drive
Charlotte, NC 28262
Tel: 704.805.2878 · Mobile: 704.609.3716
Email: bob.fraser@areva.com
www.adz-nuclear.com

The data contained herein are solely for your information and are not to be construed as a warranty or other contractual obligation.