

# AECON

## YOUR COMPLETE SOLUTIONS PROVIDER

Building what matters to enable future generations to thrive

### SERVICES PROVIDED



Subsequent License Renewal (SLR) Upgrades



Large Component Modifications & Replacements



Turnkey Services - Planning through Execution



Engineering, Procurement & Construction (EPC) Services



### OFFICE LOCATIONS

As a leading total solutions provider with more than 50 years of safe, industry experience, Aecon Nuclear offers in-depth knowledge and a broad range of nuclear qualifications to support our nuclear power clients in the construction and maintenance of their facilities.

Our portfolio of upgrading, refurbishing, and maintaining nuclear power plants reflects a record of project successes, ranging from small but essential maintenance contracts to fabrication of nuclear modules and components, as well as major construction endeavors.

Aecon provides a full spectrum of Turnkey Engineering, Procurement & Construction (EPC) services, along with NQA-1 capabilities, specifically tailored to meet the demanding requirements of the Nuclear & Industrial industries.

### CONTACT



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**WE PARTNER WITH OUR CLIENTS TO PROVIDE:**

- // Large Component Replacements
- // EPC /Turnkey Services
- // Specialty Welding & Outage Services
- // Materials & Supplies
- // Fabrication & Machining

**OUR COMPREHENSIVE TURNKEY SERVICES INCLUDE:**

- // Safety
- // Engineering
- // Procurement
- // Project Management
- // Construction Management
- // Project Controls
- // Scheduling
- // Work Planning

**OUR AREAS OF EXPERTISE ALSO INCLUDE:**

- // Mechanical, Electrical, Civil/ Structural
- // Nuclear Island & Balance of Plant (BOP)
- // Offsite Fabrication Services: 170,000 Square Feet of Fabrication Facilities
- // Management Team with 30+ Years of Nuclear & Industrial Experience including 30+ FWH Replacements

**MODIFICATIONS, UPGRADES & REPLACEMENTS (O&M AND CAPITAL):**

- // Dominion – SLR Condenser Replacements
- // Dominion – SLR FWH Replacements
- // Duke – MSR Electrical & Mechanical Upgrades
- // TVA – SGR Project Piping Removal & Field Machining
- // TVA-Removal of SG Blowdown Piping & Components
- // Entergy – Fitzpatrick Feedwater Heater Replacement

# QUALITY CERTIFICATIONS

As an NQA-1 and ASME N-Stamp specialty fabricator, Aecon Nuclear complies with stringent ASME Section III and NRC regulations.

**NQA-1**



Aecon Nuclear’s fabrication and modularization services feature strict Nuclear-Grade and Commercial-Grade Dedicated material management processes.

**AECON QUALITY ASSURANCE MANUAL CONFORMS TO:**

- // Quality Assurance Programs support both fabrication & field services
- // ASME ‘S’ and ‘U’ Certificate of Authorization
- // ASME Board ‘R’ Certificate of Authorization
- // 10 CFR Part 50, Appendix B
- // ASME NQA-1

**QA AUDITS INCLUDE:**

- // U.S. Department of Energy
- // NUPIC members
- // NIAC members

