

NUCLEAR SERVICES & TECHNOLOGY

Nuclear Facility Design | Nuclear Equipment Design | Capital Line Item Projects



MERRICK[®]



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We Know **Nuclear Design Needs**

Our experience on nuclear projects for both federal and commercial clients allows us to anticipate the “what-ifs” associated with nuclear design. We're your partner for total nuclear facility support, from advanced mechanical equipment design to complete facility design and integration. Our comprehensive nuclear expertise means we understand how to design for the complexities of handling, using, and transporting nuclear materials, no matter your project type. We'll collaborate with you to find the most efficient, cost-effective, and secure solutions for your nuclear project goals.



**NUCLEAR
DETERRENCE**



**MEDICAL
ISOTOPES**



**ADVANCED
NUCLEAR REACTORS**



**NUCLEAR
SCIENCE R&D**

Total Nuclear **Facility Support**



Architecture



Capital Line-Item Design Project
Leadership & Execution



Civil Engineering



Construction Support



Detailed Nuclear and Non-Nuclear
Facility Design & Rehabilitation



Electrical Instrumentation
& Controls



Fire Protection Engineering



High Containment
Laboratory Design



Lidar & Digital Twinning



Mechanical Engineering



Project Planning & Management



Specialized Equipment
Design & Integration



Structural Engineering

Expert Nuclear Facility **Design & Integration**

Designing nuclear facilities and infrastructure can be complicated, but we make it simple. We have the depth of knowledge and breadth of experience to design and integrate your facility infrastructure, whatever the type of nuclear technology. Our team considers every detail of your facility, from best practices in facility design to the seamless integration of specialized equipment, down to the strength and resiliency of your infrastructure. As your partner, we ensure your facility is ready to support your crucial nuclear projects.

MAINTAINING SAFETY & SECURITY IN YOUR NUCLEAR DESIGNS

We have the specialized nuclear expertise necessary to optimize your facility's operations; keep your facility safe and secure; and meet required nuclear quality standards. Our team maintains top security clearances, and our Nuclear Quality Assurance (NQA) program provides for the successful implementation of various nuclear facility requirements.

Security

- Department of Energy Q Clearances
- Established and approved systems to safeguard Controlled Unclassified Information (CUI)
- Human Reliability Program (HRP) certifications

Quality Assurance

- ASME NQA-1-2008 (including NQA-1a-2009 and NWA-1b-2011) and ASME NQA-1-2019 Quality Assurance Requirements for Nuclear Facility applications, including Subparts 2.7 and 2.14
- 10 CFR 830 Nuclear Safety Management, Subpart A, Quality Assurance Requirements
- DOE O 414.1D, Quality Assurance

MERRICK BY THE NUMBERS



FOUNDED
in **1955**



EMPLOYEES
1100+

29
OFFICES in

3
COUNTRIES

100% 
EMPLOYEE
OWNED



7
CONTINENTS
worked on

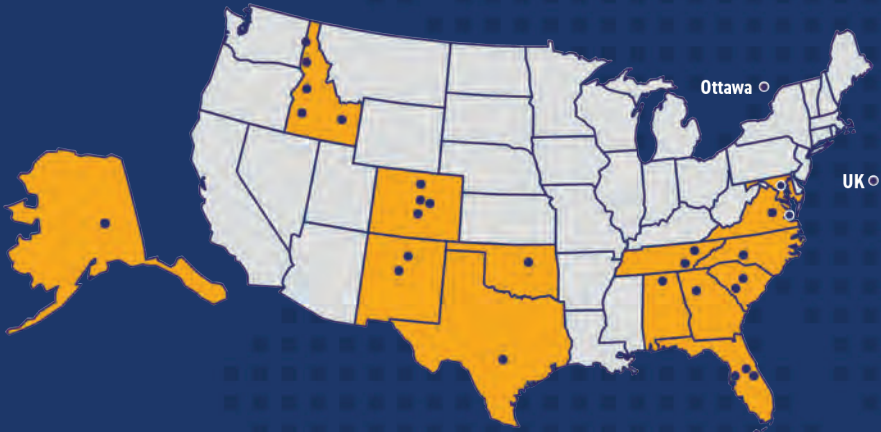
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Our team knows nuclear design. We stand ready to support you with all your nuclear facility needs, from advanced equipment design to facility and infrastructure design and integration.”

- Jennifer Macy

LOCATIONS





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