



# MEDICAL ISOTOPES



**MERRICK**<sup>®</sup>



[www.merrick.com](http://www.merrick.com)



## CUSTOM SOLUTIONS FOR SMARTER ISOTOPE PRODUCTION

Our team of nuclear experts understands the full lifecycle of radiodiagnostics, radiotherapeutics, and radioisotope production—from transforming raw materials to scaling up for commercial production. We specialize in custom design solutions that enhance process efficiency and operational effectiveness for a wide range of isotope production. But our expertise extends beyond just design. With critical insights into cost estimation, schedule planning, and fabricator selection, we can help you make you make informed decisions that drive smarter designs, faster timelines, and long-term reliability and success.



CUSTOM  
FACILITY DESIGN



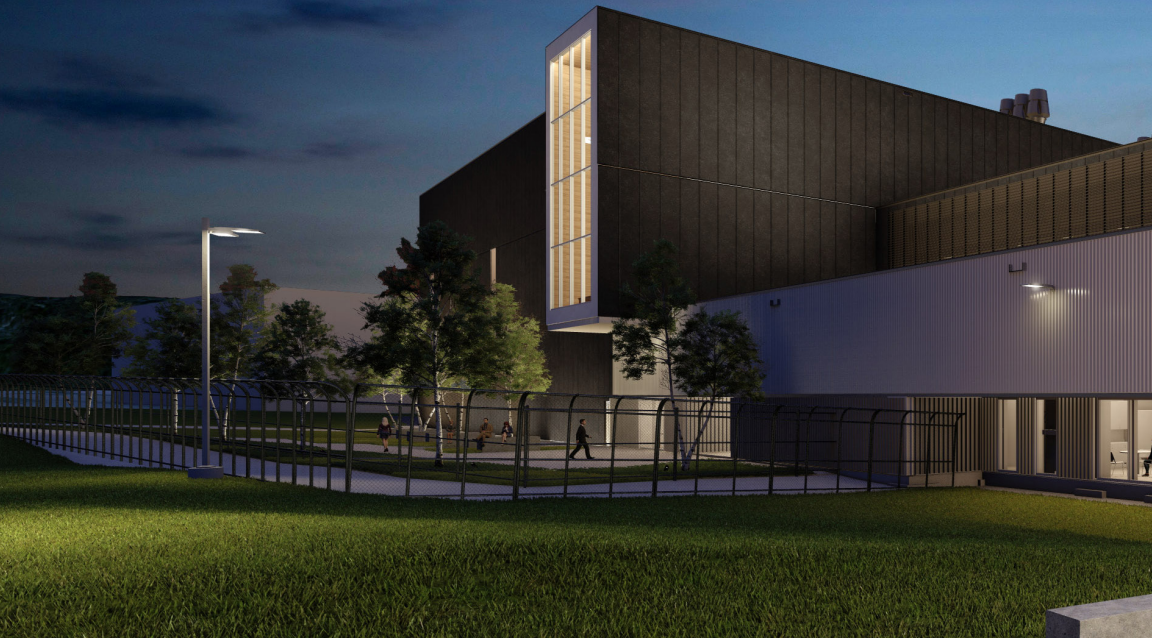
SPECIALIZED  
EQUIPMENT DESIGN

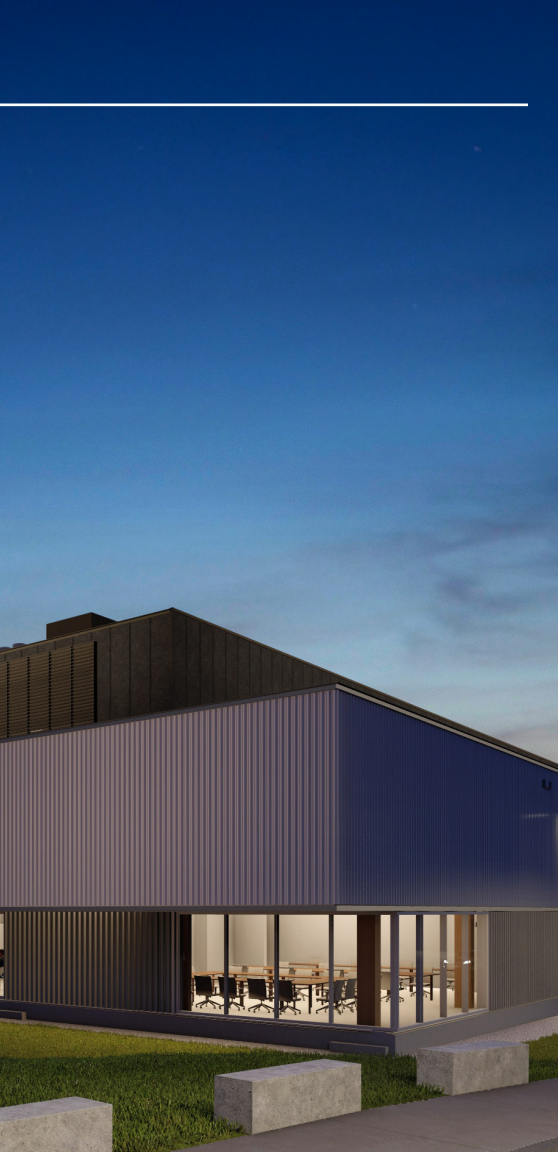


TOTAL FACILITY &  
EQUIPMENT INTEGRATION

# Global Expertise, **Tailored Solutions**

We've designed complex nuclear facilities, equipment, and processes across the US, Europe, and Canada. We understand the diverse regulatory, operational, and technical requirements that impact isotope production worldwide. In addition, our experience designing for a wide range of isotope production—including Ac-225, Lu-177, Mo-99, and Pb-212—means we can anticipate challenges and adapt our designs to different production processes. Our custom design capabilities extend to components ranging from all types of hot cells (including lead-lined, modular, steel, concrete, and hybrid) to processing lines and containment systems. We leverage this unique blend of expertise to integrate facility, equipment, and process design from the start to enhance efficiency, reduce operational bottlenecks, and maximize your isotope production.





## Our Graded **Quality Approach**

We apply a graded quality approach to your project that balances cost, schedule, and quality. By tailoring quality control measures to your specific process requirements, we can optimize efficiency while maintaining compliance with federal and commercial nuclear regulations.



## Precision-Driven Design From **Concept Through Construction**

We focus on creating custom, process-driven solutions that optimize efficiency and meet your specific needs. Our deep expertise in design and integration for facilities, equipment, and processes ensures your design is fully developed and refined before fabrication and construction even begin. We can also assist in selecting the right fabrication and construction partners, ensuring your final build meets your exact specifications.

# MERRICK BY THE NUMBERS



FOUNDED  
in **1955**



EMPLOYEES  
**1100+**

**28**  
OFFICES in

**3**  
COUNTRIES

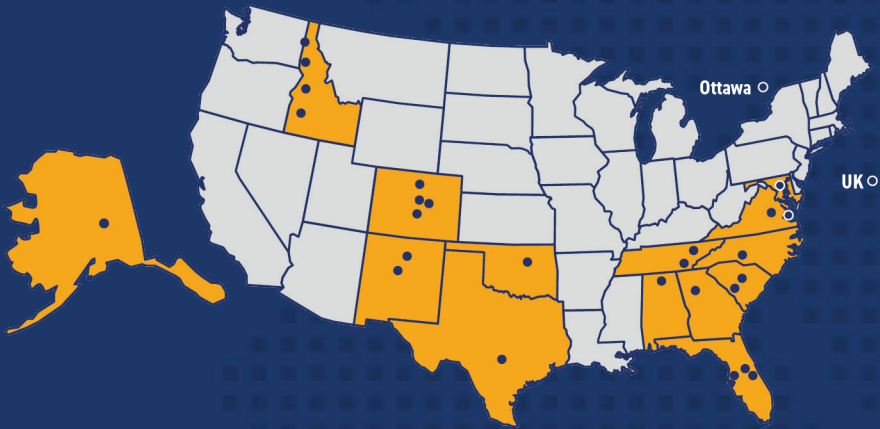
**100%**   
EMPLOYEE  
OWNED



**7**  
CONTINENTS  
worked on

We combine our decades of **custom nuclear design expertise** with a focus on operational efficiency to deliver **reliable, cost-effective, and scalable** isotope solutions.

LOCATIONS





**Merrick & Company Corporate Headquarters**

**8051 E Maplewood Avenue, Suite 300**

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