



***FORGING INNOVATIVE, CLEAN ENERGY  
SOLUTIONS FOR FUTURE GENERATIONS***



***A Generation Ahead By Design™***



## OVERVIEW

**Holtec International** is the leader in innovative energy technology, design and manufacturing for the global nuclear power industry and beyond. Headquartered in Jupiter, Florida, with our main technology and manufacturing campus located in Camden, New Jersey. Holtec operates additional manufacturing centers in Ohio, Pennsylvania and India with additional international offices in Brazil, Canada, Japan, Mexico, Poland, South Africa, Spain, the U.K., and Ukraine.

Holtec's diverse and dynamic portfolio includes cutting-edge systems that manage spent nuclear fuel and radioactive waste, as well as essential components for nuclear power plants, like heat exchangers and steam generators.

Our revolutionary Small Modular Reactor, **SMR-300**, provides a clean and environmentally friendly base-load energy solution. Our technology is a safe, adaptable and efficient nuclear power provider able to be deployed in virtually any region or climate, worldwide.

Beyond our technology and equipment, we provide expert services in decommissioning retired nuclear facilities and offer comprehensive engineering and licensing support. Holtec International is committed to enhancing the safety, efficiency, and sustainability of nuclear power, leading the way in clean energy innovation and shaping the future of the energy landscape.



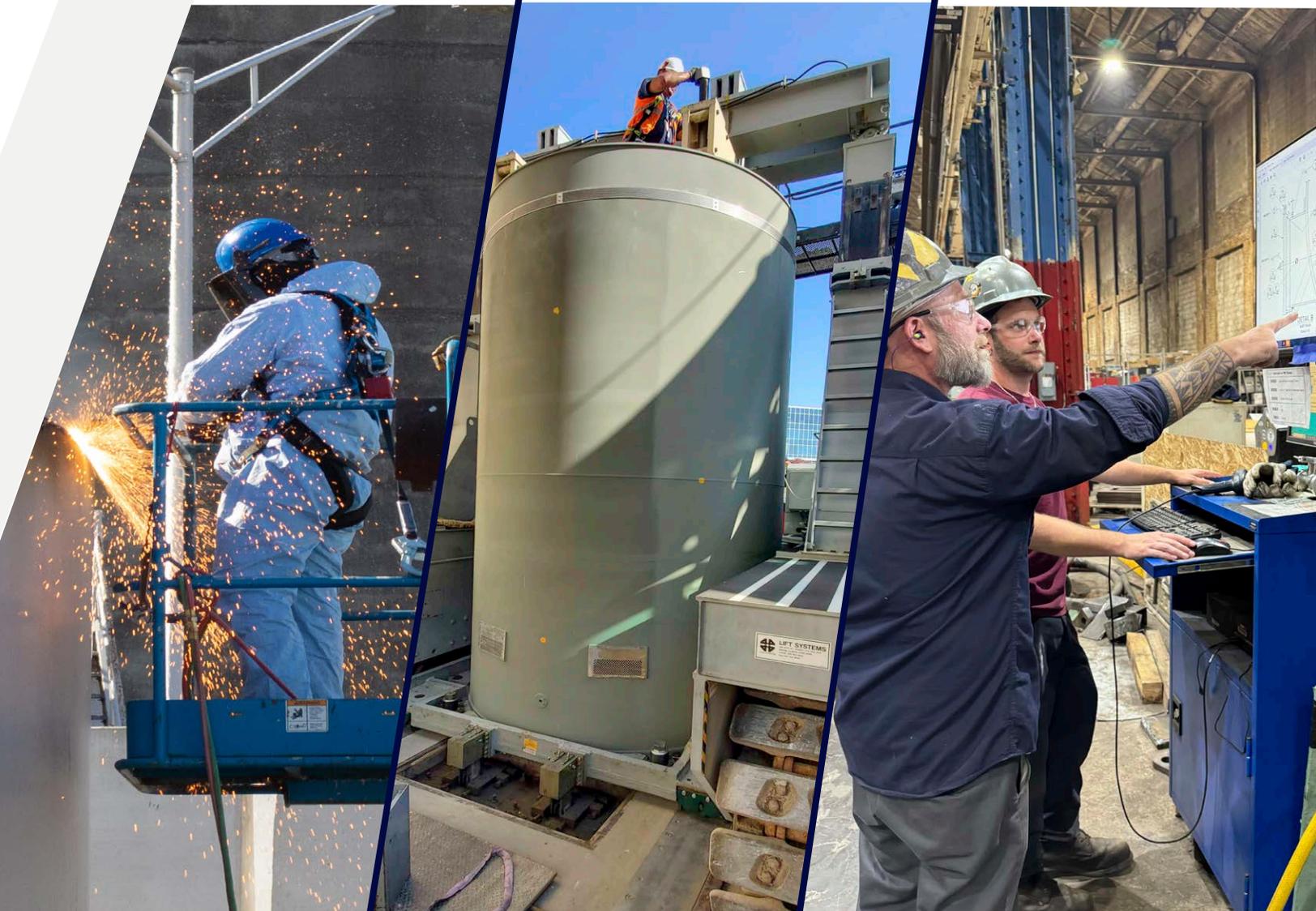
Deploy environmentally conscious solutions



Complete every project safely, with the highest quality and adherence to schedule



Remain a learning organization, forever striving for excellence



# SMR-300

## SMALL MODULAR REACTOR



### **SAFELY POWERING OUR CLEAN ENERGY FUTURE**

As the demand for clean, always-on power increases, Holtec International has the solution in the SMR-300. Proven PWR reactor technology with simplified safety features, the SMR-300 is designed and engineered to provide clean power 24/7/365 to meet the world's growing energy needs.

#### **NUCLEAR FUEL MANAGEMENT**

Holtec serves the global nuclear energy industry with safe, spent fuel storage solutions with the lowest dose possible. Holtec developed an entire fleet of storage and transport casks for spent nuclear fuel and non-fuel waste, including low-level, intermediate and Greater-Than-Class-C systems. These systems are licensed by numerous regulatory authorities worldwide.

#### **MANUFACTURING**

Holtec uses state-of-the-art fabrication and automation to create custom equipment, incorporating lessons learned and implementing design-to-fabrication best practices.

#### **ENGINEERING**

Holtec's world-class engineers design the highest quality and most reliable products and services to help lower operating costs and enhance reliability. Holtec maintains the latest state-of-the-art computer codes that are fully benchmarked and QA-validated. Holtec's engineers and designers work alongside our manufacturing and field services experts to ensure fabricability and functionality of every design concept.

#### **SITE SERVICES**

Holtec's Site Services experts provide on-site management, manufacturing and construction services, encompassing the full scope of spent fuel storage projects.

#### **DECOMMISSIONING**

Holtec Decommissioning International safely and efficiently decommissions shuttered nuclear plants. Holtec's expertise in spent fuel storage and transportation uniquely positions it to support operating nuclear facilities as they plan for their future.

#### **CLEAN ENERGY TECHNOLOGY**

Holtec has developed innovative energy solutions for a clean energy future. The HI-THERM Hybrid Concentrated Solar Plant (HCSP) is an state-of-art solar power plant that combines Concentrated Solar Power (CSP) and Solar Photovoltaic (SPV) modules. Holtec's Green Boiler™ (HGB) thermal storage to provide 24/7 electrical power. The Green Boiler is a long-duration thermal storage system, equipped with virtually limitless thermal storage capacity and the ability to provide pressurized steam at the desired pressure on demand.

#### **GOVERNMENT SERVICES**

Holtec Government Services provides engineering, design, manufacturing, and site services capabilities available to meet our client's challenges in the areas of defense, energy, radioactive waste and spent nuclear fuel management for all levels of government.

#### **SECURITY SERVICES**

Holtec Security International, strives to ensure the safety and security of your community, vital assets and critical infrastructure. Our three dedicated divisions – Community Safety, Critical Infrastructure and Managed Services – empower us to offer a comprehensive range of services to protect your assets and safeguard your world.

#### **HEAT TRANSFER EQUIPMENT**

Holtec designs, analyzes, fabricates and supplies large heat transfer equipment for power plants, including air-cooled condensers, water-cooled steam surface condensers, feedwater heaters, steam generators, heat exchangers and other custom solutions.



# CULTURE OF QUALITY

Holtec's Quality Assurance, Safety and Governance Programs ensure the highest standard of deliverables, superb safety metrics and a transparent corporate culture. Approved by both regulators and clients, these programs have positioned Holtec as America's leading supplier of engineered equipment and systems to the global energy industry. Holtec holds ISO certifications and several ASME Code Stamps, including N, N3, NPT, NS, NB, R and U.

## KEY FACTS

- Holtec is a vertically-integrated supplier with in-house capabilities to design, engineer, analyze, license, fabricate and perform on-site construction.
- Holtec has a global presence with operation centers located in 11 countries.
- Holtec's four manufacturing facilities (three in the U.S. and one in India) covering nearly 1.5 million square feet of factory floor space.
- Holtec is America's largest exporter of capital equipment for the nuclear industry. It is also among the largest manufacturers of ASME Code components.
- Holtec is the largest owner of decommissioning facilities in the US with seven reactors under our decommissioning fleet.
- Palisades Power Plant, originally acquired for decommissioning, is working towards a historic repowering in 2025.
- Holtec has been granted over 200 patents in areas of equipment design, fabrication processes and materials.
- Holtec's engineers helped develop the modern ASME Code, HEI and TEMA standards for design and construction parameters for shell and tube heat exchangers, water-cooled and air-cooled condensers.



Scan and Explore

LEARN MORE ABOUT THE FUTURE OF CLEAN ENERGY AT [WWW.HOLTEC.COM](http://WWW.HOLTEC.COM)