

REALIZING THE SMR/AR VISION

NAC INTERNATIONAL is the essential partner for small and advanced reactor developers, helping realize the vision of next-generation nuclear energy.

A world leading provider of nuclear fuel cycle solutions, NAC can provide SMR/AR developers (including microreactors) with:

- **Manufacturing**—SMR/AR components, storage/transport containers
- **Transportation**—Fresh and spent nuclear fuel (SNF), components, waste. Licensed for HALEU fuel now.
- **SNF/Waste Management**— Handling, packaging, disposal, interim storage
- **Consulting**— Industry expertise, nuclear material accountability systems, training

MANUFACTURING COMPONENTS, CONTAINERS, AND MORE

NAC affiliates can fabricate a range of SMR components.

Niagara Energy Products— NAC's subsidiary Niagara Energy Products (NEP) manufactures reactor components and radioactive waste containers for commercial and government use.

Hitachi Zosen—NAC's parent company Hitachi Zosen fabricates nuclear site equipment at its Ariake, Japan facility.

TRANSPORTATION

NAC offers end-to-end solutions for transporting components, fuel and waste. NAC has completed more than 3,800 shipments of nuclear fuel and materials worldwide.



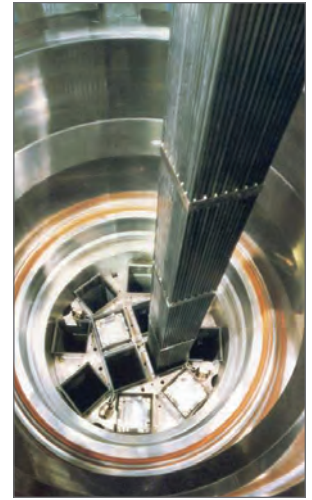
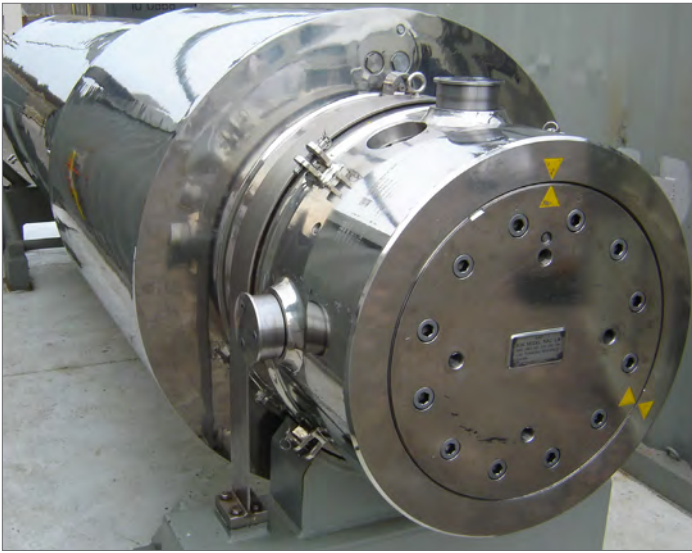
TRANSPORTING COMPONENTS

NAC subsidiary **NAC LPT** specializes in logistics, packaging and transportation and can move SMR/AR components from fabrication to site.

TRANSPORTING FUEL

NAC's patented OPTIMUS®-L packaging is approved for HALEU fuel, to be used in SMR/advanced reactors.

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TRANSPORTING SNF AND WASTE

The NAC-LWT (legal weight truck) cask system has been used for over 30 years to transport SNF, Post-Irradiation Examination (PIE) samples, liquids, and many types of solid waste. PIE spent fuel samples can be transported in NAC OPTIMUS®-H packaging.

WASTE MANAGEMENT

OPERATIONS

Subsidiaries *NAC LPT* and *NAC Philotechnics* provide a full range of solutions for managing radioactive and mixed waste. Waste characterization, packaging, and radiological services can be provided at project sites or at NAC's licensed facilities.

STORAGE AND TRANSPORTATION

NAC is an industry leader in solutions for long-term storage of SNF and unique waste forms. NAC has designed, licensed, and delivered over 650 transportable storage systems worldwide.

INTERIM STORAGE

NAC is a partner on a Consolidated Interim Storage Facility project under development in Texas. NAC's Dry Cask Storage technologies are included in the facility's license.

DISPOSAL

NAC is partnering with Deep Isolation on development of innovative deep borehole nuclear waste disposal solutions.

CONSULTING

For over 55 years, NAC has delivered independent, specialized market insights from experts with over 1000 years of combined experience in the nuclear fuel cycle, including complex, first-of-a kind projects.

NAC REPORTER® FOR REGULATORY SUPPORT

Web-based, integral software for Nuclear Material Control & Accountability (MC&A) reporting; now used in the U.S., UK, Kazakhstan, UAE, and Saudi Arabia.

COMPETITIVE PROCUREMENT SUPPORT

Unbiased, trusted advisor for procurement strategies, technical requirements, tendering, evaluations, and contract negotiations.



Find out more more at www.nacintl.com