

## TRUSTED PARTNER FOR FUEL CYCLE MANAGEMENT

NAC International Inc. (NAC) has been a trusted partner for fuel cycle management solutions and consulting for over 50 years. NAC, a subsidiary of Hitachi Zosen Corporation, now serves more than 200 customers, including the world's leading nuclear organizations, and supports a host of diverse projects around the globe.

Founded in 1968 as Nuclear Assurance Corporation, NAC gained industry respect as a pioneer in nuclear fuel information services and cask design and licensing. With its innovative engineering and flexible designs, NAC has solved challenging nuclear fuel and waste management projects. NAC capabilities include:

- **STORAGE:** Transportable storage solutions for used nuclear fuel, including design, licensing, and implementation.
- **TRANSPORTATION:** Solutions include: transport cask design, planning, shipment, safeguards and safety
- **CONSULTING:** Nuclear material expert consulting services, including market insights, performance assessments, material control and accountability (MC&A), and training

### STORAGE ASSURED

NAC offers a proven process for design, license and deployment of innovative technologies and services for managing nuclear material, including used nuclear fuel and greater than class C (GTCC) waste. NAC has developed and deployed three leading transportable storage cask systems for commercial spent nuclear fuel and supplies our technology to both operating and decommissioning nuclear power plants.

- NAC's MAGNASTOR® is a proven, dual-purpose spent fuel system and the first ultra-high capacity storage system of its kind deployed. Other NAC dual-purpose designs include the UMS and MPC systems.
- NAC has decades of decommissioning experience and has worked at six shutdown U.S. nuclear plant sites.
- NAC is a key member of Interim Storage Partners, Inc., developing a Consolidated Interim Storage facility for used nuclear fuel in Andrews, TX.

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**3,600**  
SHIPMENTS  
DELIVERED  
SAFELY

**7** **OVER**  
**MILLION**  
**MILES**



NAC has supplied transportable dry storage systems to nuclear sites across the country.

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# NAC INTERNATIONAL SYSTEMS FOUND WORLDWIDE

## ASIA-PACIFIC

- China Nuclear— EIC, China
- China General Nuclear— URC, China
- Taiwan Power/INER— Chinshan, Taiwan
- Taiwan Power— Kuosheng, Taiwan

## NORTH AMERICA

- DOE— Hanford, WA
- DOE— West Valley, NY
- APS— Palo Verde, AZ
- Dairyland Power— La Crosse, WI
- Dominion— Kewaunee, WI
- Commonwealth Edison— Zion, IL
- Maine Yankee— Wiscasset, ME
- Connecticut Yankee— Haddam Neck, CT
- Yankee Rowe— Rowe, MA
- Exelon— Three Mile Island, PA
- Dominion— Surry, VA
- Duke— McGuire, NC
- Duke— Catawba, SC

### SYSTEM KEY

- ST
- UMS
- STC
- MAGNASTOR
- MPC

## TRANSPORTATION ASSURED

NAC offers comprehensive nuclear material packaging and transportation services. Our proven team of cask operators and field engineers provide full-scope services to relocate and manage nuclear materials domestically and internationally. NAC has safely completed more than 3,600 shipments of radioactive materials, spent fuel and high-level waste, covering over 7 million miles.

- Designed, licensed and fabricated transport systems, including the NAC-LWT truck transport casks and the NAC-STC dual-purpose rail transport casks.
- OPTIMUS™ cask line offers an adaptable Type-B cask package designed with flexibility and adaptability to cost-effectively ship a wide range of fissile material.
- Successfully transported nuclear materials for nuclear utilities, commercial companies, the U.S. Department of Energy (DOE), the International Atomic Energy Agency (IAEA), and other nuclear organizations around the world.



NAC offers end-to-end solutions for safely storing and transporting nuclear materials.

## INSIGHTS ASSURED

NAC provides the most prestigious nuclear organizations with expert consulting and training services for all aspects of the nuclear fuel cycle, from uranium to waste disposal. NAC's worldwide consulting presence delivers market insight reports on commercial new build reactors, nuclear fuel cycle, nuclear fuel performance, and human resource development.

- NAC consulting services support the strategic business decisions of buyers and suppliers and the policy development of governments and their agencies.
- We offer nuclear quality services including fuel fabrication, performance and inspection expertise.
- NAC offers specialized software solutions for nuclear material control and accountability (MC&A), drawing on the company's extensive experience in the global nuclear fuel sector.



**NAC INTERNATIONAL**

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