Kanadevia

Technology for people and planet

DELIVERING QUALITY FOR THE INTERNATIONAL NUCLEAR INDUSTRY

Kanadevia is one of the world's top manufacturers, providing advanced fabrication technologies for high-quality products. Kanadevia has supported the nuclear industry for decades, delivering a wide variety of products, including spent fuel and waste storage/transportation casks and canisters, and spent fuel transportation equipment, as well as radioactive waste processing equipment and nuclear power plant components.







KANADEVIA KEY FACTS:

- Manufactured and delivered over 900 units of casks/canisters for nuclear industry use.
- Now developing more efficient dual-purpose spent fuel cask with increased capacity.
- Over 100 years of history as a high-quality manufacturer.

A HIGH-QUALITY NUCLEAR FABRICATOR

Kanadevia designed and fabricated Japan's first domestic transport cask for spent nuclear fuel (HZ-75T), and was awarded a design certificate in 1978. Since then, the company has manufactured and delivered more than 900 casks/canisters to the nuclear industry.

The company has provided a wide variety of products, including spent fuel transportation casks and storage casks for domestic and overseas markets. Kanadevia is now developing a more efficient dual-purpose (storage/transportation) spent fuel cask with increased capacity.

Ariake Works, Kanadevia's largest and most advanced fabrication facility, offers a wide range of capabilities, including lead casting, gamma ray shielding testing, precision welding, and other technologies to meet client and regulatory requirements.

LONG HISTORY OF QUALITY

Founded in 1881 in Japan, Kanadevia combines its engineering and manufacturing strengths to provide high value-added, comprehensive solutions to enhance the global environment, rigorously implementing compliance with quality standards.

Kanadevia maintains the highest-level quality programs for fabricating products for the nuclear industry, including: ISO9001, ISO14001, ASME N (currently being renewed), OHSAS18001, and ASME U/U2.

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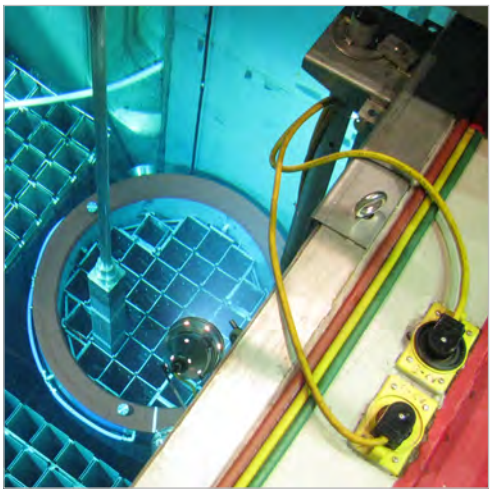
NAC INTERNATIONAL | Kanadevia Group

RELIABILITY ASSURED

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







NAC cask systems incorporate unique design, fabrication, and operations features.

STORAGE ASSURED

NAC has developed and deployed three leading transportable storage cask systems for commercial spent nuclear fuel and supplies transportable storage technology to nuclear sites.

- MAGNASTOR®: 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.
- Decades of decommissioning experience, including work at seven U.S. nuclear power plant sites.
- Designed, licensed and fabricated more than 700 transportable spent fuel storage systems.
- Key member of Interim Storage Partners, Inc., developing a Consolidated Interim Storage facility for used nuclear fuel in Andrews, TX.

TRANSPORTATION ASSURED

NAC offers end-to-end solutions for nuclear material packaging and transportation. Our proven team of cask operators and field engineers relocate and manage nuclear materials worldwide.

- Successfully transported materials for nuclear utilities, commercial companies, government organizations, and other nuclear organizations around the world.
- 3,800 shipments delivered, covering over 7 million miles.
- 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.

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.

- Nuclear material consulting services to support the strategic decisions of companies and government agencies
- 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 global experience.

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