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A Decade of Support - Contributing to the Fukushima Cleanup Effort

NUCLEAR SOLUTIONS

Veolia Nuclear Solutions is a market-leading technology provider for the most challenging nuclear & hazardous waste challenges.

Our Immediate Response

In March 2011, in the early days after the Japan Earthquake & Tsunami, the chief concern was the removal of cesium and other isotopes from millions of cubic meters of highly contaminated water at the Fukushima site. Designed and delivered in 8 weeks, our Ion Specific Media System (ISMS) processed over 115 million gallons of contaminated water and removed 10 million curies of cesium – more than 70% of the radioactivity on site.

Bespoke Solutions to Tackle the Toughest Challenges

The Group has continued to support the Fukushima cleanup effort throughout the past decade by designing and delivering innovative solutions. This includes the delivery of two ion-exchange at-tank mobile water treatment solutions to remove strontium-contaminated water as well as customized remote-handling systems to inspect, repair, and ultimately retrieve fuel debris from the damaged reactors.

Continued Support of an Essential Cleanup Mission

Our experts, based in the US, France, UK, and Japan, will support the ongoing decommissioning & dismantling mission at Fukushima for many years to come. In addition to our fit-for-purpose solutions to tackle some of the most difficult waste handling projects, our team is evaluating the use of patent protected treatment options - such as vitrification - to treat nuclear waste inventories and thus allowing for a safe, reliable, and low-life-cycle management cost solution for long-term waste disposal.

www.veolianuclearsolutions.veolia.com

To get more information on Veolia's nuclear capabilities in the U.S, contact Amanda Gilmore: amanda.gilmore@vnsfs.com

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