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## **NAVY AND DOE ACHIEVE A MAJOR MILESTONE**

On January 29, 2019 the Naval Reactors Facility (NRF) received the final shipment of spent nuclear fuel from the Idaho Nuclear Technology and Engineering Center (INTEC). This shipment brings to a close an effort started in 2008 to return naval spent fuel stored at the INTEC facility to NRF to be processed into dry storage. Both NRF and INTEC are located on the Idaho National Laboratory (INL).

For more than 60 years NRF and INTEC have been in a partnership to process and handle spent naval nuclear fuel. In 1995 the U.S. Department of Energy (DOE), U.S. Navy and the State of Idaho reached what is known as the Idaho Settlement Agreement. As a part of that agreement, the naval spent fuel stored at INTEC would be returned to NRF and placed in dry storage. Completion of this final shipment marks a significant milestone in meeting the terms of the Idaho Settlement Agreement.

“Once removed from the water pool, our spent fuel is packaged and stored dry in robust, sealed containers,” says Andy Wentzel, Site Director of the Naval Reactors Facility. “The effort to remove fuel out of the INTEC water pool demonstrates our continued commitment to meet our obligations to the State. This achievement was the result of the excellent work done by our dedicated employees at both facilities”

### **About the Naval Nuclear Laboratory**

The Naval Nuclear Laboratory is operated for the U.S. Department of Energy (DOE) by Fluor Marine Propulsion (FMP), LLC, a wholly owned subsidiary of Fluor Corporation. Naval Nuclear Laboratory personnel are FMP employees who work at four DOE facilities: Bettis Atomic Power Laboratory, Knolls Atomic Power Laboratory, Kenneth A. Kesselring Site, and Naval Reactors Facility, and at the Department of Defense-owned Nuclear Power Training Unit-Charleston. FMP employees also have an established presence at numerous shipyard and vendor locations.

For 70 years, the Naval Nuclear Laboratory has developed advanced naval nuclear propulsion technology, provided technical support, and trained world-class nuclear operators to ensure the safe and reliable operation of our nation’s submarine and aircraft carrier Fleets. The Naval Nuclear Laboratory is solely dedicated to the Naval Nuclear Propulsion Program. We rely on the dedication and innovation of our 7,900 engineers, scientists, technicians and support personnel.



*Figure 1. NRF workers move spent fuel in shielded concrete overpacks into storage.*