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Foster Wheeler's laboratories in the United Kingdom. The values of the contracts were not disclosed.

On November 24, 2015, Amec Foster Wheeler announced that it will use radiation survey equipment to support the cleanup of approximately 1.2 million cubic meters of historic low-level radioactive waste from various sites in Southern Ontario, Canada, under a Can\$1.57-million (about \$1.14-million) contract awarded by **Canadian Nuclear Laboratories**. The company said that it is deploying its advanced ORION ScanPlot overland radiation survey system to collect radiological data at the sites. As part of the Port Hope Area Initiative, Amec Foster Wheeler personnel are surveying approximately 175 roads and other public rights of way.

D&D

Areva announced on September 30, 2015, that its **Dismantling and Services** business signed a five-year contract valued at several million euros with France's **Commissariat à l'Énergie Atomique et aux Énergie Alternatives (CEA)** for the cleanup of the Atelier de Décontamination, d'Expertise et de Conditionnement (ADEC) facility. Located at the Saclay site in France's Ile-de-France region, ADEC is a decontamination, appraisal, and packaging facility that was originally commissioned in 1962 and was shut down in 2011. Under the contract, Areva will restore the ADEC facility to radiologically clean conditions. Areva Dismantling and Services will be in charge of the cleanup of a 2,250-m² area containing radioactive wastes stored in both solid and liquid forms.

Areva also signed a series of agreements worth approximately €370 million (about \$392 million) with CEA for the management of nuclear facilities being dismantled at Marcoule and for assistance with on-site work covering the period 2016–2020, it was announced on December 17, 2015. The contracts renew Areva's cooperation with CEA as the former nuclear operator at the Marcoule site and CEA's leading partner for dismantling services. According to Areva, the contracts concern primarily industrial operator services on behalf of the CEA, treatment of site effluents, recovery and reconditioning of legacy waste, and support for CEA's suppliers at facilities undergoing dismantling.

Areva announced on November 5, 2015, that it has signed a contract with **Électricité de France (EDF)** to carry out preventive chemical cleaning services of the steam generators at the Cattenom-2 nuclear power plant, a 91-MWe pressurized water reactor in Moselle, France. The contract also includes the treatment

of associated effluents. According to the company, the cleaning technology eliminates micro-deposits of iron and copper that may be present in the upper part of the steam generators, preventing clogging and improving the overall performance of the equipment. The value of the contract was not disclosed.

Areva also signed a contract with EDF for the dismantling of the vessel internals of the Superphénix reactor in Creys-Malville, France, it was announced on December 1, 2015. According to Areva, the contract is worth "several tens of millions of euros." The contract scope, which will be performed by Areva's Dismantling and Services business, includes preliminary design, process qualification, manufacturing of tools, and equipment dismantling. It also includes the packaging of highly radioactive waste. The project is expected to run until 2024 and will mobilize more than 50 people during the peak period of work, Areva said.

On December 21, 2015, Areva announced that it has been awarded a contract by the utility **Vattenfall Europe Nuclear Energy** to decontaminate the primary loop of the Krümmel nuclear power plant, located in Geesthacht near Hamburg, Germany. Areva said that it will use its proprietary decontamination techniques, CORD UV and AMDA, to reduce the radiation level in the reactor pressure vessel, auxiliary systems, and piping. The project was to begin by the end of December 2015 and the decontamination be completed during the first half of 2016, according to the company. The value of the contract was not disclosed.

Hitachi-GE Nuclear Energy, in Tokyo, Japan, announced on November 11, 2015, that it has concluded cooperative agreements with both **Cavendish Nuclear Limited** in the United Kingdom and **Areva NC S.A.** in France with respect to boiling water reactor decommissioning in Japan. According to Hitachi-GE, the collaboration with Cavendish and Areva will further the company's goals of using its technology, experience, and know-how to propose and support the decommissioning plans of Japan's utilities. Hitachi-GE said that it will take preparatory steps toward the decommissioning of Japan's BWRs, fully backed by the companies' international experience.

Environmental management

Enercon Services announced on October 20, 2015, that it has acquired **Terra Environmental Services**, of Tampa, Fla.,