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New patented technology(inDRUM) from Studsvik to be used for treatment of radioactive waste for ESS

Studsvik signs agreement with European Spallation Source ERIC (ESS) for handling and interim storage of radioactive waste from ESS research facility located outside Lund, Sweden. When the facility is completed in 2028, it is expected to be the world's leading accelerator-based neutron source for studying the structure and behaviour of matter.

According to the agreement, Studsvik will design and license two advanced facilities for handling radioactive waste. One is based on Studsvik's patented inDRUM technology for managing and reducing the volume of contaminated waste, while the other consists of an interim storage facility with an associated pool for handling intermediate-level waste. The construction and operation of the facilities at Studsvik are contingent upon additional agreements being signed at a later stage.

– Following the completion of feasibility studies, we have decided to move forward with Studsvik in developing inDRUM and interim storage solution. Studsvik will thereby be a key partner for managing the waste generated at our facility. For example, the inDRUM technology can reduce the volume of certain types of waste by up to 90%. This not only reduces our future environmental impact but also our final disposal costs, says **Helmut Schober**, Director General of ESS.

– We are happy and proud that ESS has chosen us as a partner to safely and efficiently manage their radioactive waste. Our new inDRUM technology is generating great interest worldwide, and being selected by ESS strengthens our position in this important field, says **Karl Thedéen**, CEO of Studsvik.

The order is not expected to have a financial impact of such materiality that it significantly affects Studsvik Groups results during 2025.

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About ESS
The European Spallation Source ERIC (ESS) is a multidisciplinary research facility currently under construction outside Lund, Sweden, with its data and software centre located near Copenhagen, Denmark. Once completed in 2028, ESS will be the world's most powerful accelerator-based neutron source. Around 3,000 researchers are expected to use ESS each year to deepen and expand our understanding of materials and biological systems.
Sweden and Denmark are the host countries of ESS, which is co-funded by 13 European nations.

About Studsvik
Studsvik provides a range of advanced technical services to the global nuclear power industry. Its core areas of expertise include fuel and materials technology, software for core monitoring and fuel optimisation, decommissioning and radiation protection services, as well as technical solutions for the handling, conditioning, and volume reduction of radioactive waste. The company has over 75 years of experience in nuclear technology and services in radiological environments. Studsvik employs approximately 540 people across 7 countries, and its shares are listed on Nasdaq Stockholm.