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ECA Group and TechnicAtome sign a partnership for the electrical system of future submarines

As part of the 3rd generation nuclear-powered ballistic missile submarine (SSBN) program, TechnicAtome and ECA Group have recently signed a major contract for the production of the submarines' electrical systems. The signing of the contract marks the progress of the program in its implementation phase.

The signing of the contract is the result of a competition with various manufacturers which mobilized TechnicAtome's teams for over a year. ECA Group is one of the specialist manufacturers on TechnicAtome's panel of equipment suppliers for power electronics, and was selected for its innovative solutions that meet the requirements of nuclear propulsion: reliability, safety, performance and durability.

"I am delighted with this partnership with ECA Group, which proposed an innovative technological solution for our future on-board power plants on the SNLE 3G. TechnicAtome has forged solid, close links with its equipment suppliers; I am looking forward to this long term partnership with ECA Group" says Olivier Huet, Deputy Managing Director of TechnicAtome.

"I would like to thank TechnicAtome for choosing ECA Group for this major submarine program for France. This is the beginning of a long partnership. We will provide power conversion solutions adapted to a demanding and constrained environment. This is an illustration of our expertise and we are fully committed to the success of this program" says Dominique Giannoni, CEO of ECA Group.

In addition to the SNLE 3G program, the contract between TechnicAtome and ECA Group is part of a wider collaboration. ECA Group already equips the Barracuda nuclear attack submarines in service and under construction, as well as the current nuclear-powered ballistic missile submarines, such as Le Triomphant. The nuclear plant for the 3G SSBNs, designed as are all the naval nuclear propulsion plants by TechnicAtome, includes significant innovations.

About ECA Group

Recognized for its expertise in robotics, automation systems, simulation and industrial processes, ECA Group has been developing complete, innovative technological solutions for complex missions in hostile and confined environments since 1936. Its product offering is designed for an international client base that is demanding, both in terms of safety and effectiveness. The Group's main markets are in the defense, maritime, aeronautics, simulation, industrial and energy sectors.

ECA Group is a Groupe Gorgé company.

About TechnicAtome

TechnicAtome specialises in the design, construction, commissioning and operational maintenance of compact nuclear reactors. TechnicAtome employs over 1,800 people in the fields of naval propulsion, research and energy. For 50 years, it has been applying its expertise in nuclear engineering to reactors, fuels and associated facilities, providing its customers with solutions and products that meet the highest standards of safety and availability.

<https://www.technicatome.com/en/>

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