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Delivering on the Promise of Small Modular Reactors

The Westinghouse AP300™ SMR is the Only SMR based on Licensed, Operating & Advanced Reactor Technology. It is the most advanced, proven and readily deployable SMR solution.

Westinghouse proudly brings our experience developing and implementing new nuclear technologies, from the introduction of the U.S. Navy's first submarine nuclear reactor (the USS Nautilus) and the world's first commercial pressurized water reactor in 1957 (Shippingport), to today having Westinghouse technology as the basis for approximately 50% of the world's operating nuclear plants.

The Westinghouse Gen III+ AP1000® reactor is currently proving itself every day around the globe. Currently, four units utilizing AP1000 technology are operating in China, setting performance records. Eight more are under construction in China and one AP1000 reactor is operating at Plant Vogtle in Georgia while a second nears commercial operation.

The AP300 SMR leverages that operating experience, as well as tens of millions of hours on AP1000 reactor development. The AP300 SMR has the benefits of record-setting Westinghouse AP1000 PWR technology in a smaller power output to augment the backbone of any community's energy system. The AP300 SMR R&D program draws on the lessons learned from the AP1000 deployments and furthers concepts of design simplification and modularity.

Country OR International Organization

United States

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Confirm that the work is original and has not been published anywhere else

Yes

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