Blue Energy moves Texas gas-plus-nuclear project into NRC construction review, marking a major regulatory milestone

- Submission of the first part of the Construction Permit Application advances a second U.S. BWRX-300 project toward construction and builds momentum for fleet deployment

WILMINGTON, N.C. (September 16, 2026) – Blue Energy has submitted the first part of its construction permit application to the U.S. Nuclear Regulatory Commission (NRC) for the first BWRX-300 small modular reactor planned for its gas-plus-nuclear project at the Port of Victoria, Texas.

The submission represents another important step toward deployment of a fleet of BWRX-300 reactors in the United States. It follows the Tennessee Valley Authority's construction permit application for a BWRX-300 at the Clinch River site in Tennessee, where the NRC review is approaching a decision.

"Blue Energy's progress through the NRC process is another important step toward deploying the BWRX-300 in the United States," said **Jason Cooper, CEO, GE Vernova Hitachi Nuclear Energy**. "This is what fleet deployment looks like: projects advancing on common technology, licensing work and supply chain capabilities, allowing us to apply lessons from one project to the next. With Blue Energy moving forward and the first U.S. BWRX-300 construction permit approaching a decision at Clinch River, we are seeing the foundations of a BWRX-300 fleet take shape in the United States."

Blue Energy's proposed project in Victoria, Texas, is expected to combine GE Vernova 7HA.02 gas turbines with BWRX-300 small modular reactors as part of the company's gas-plus-nuclear development model. Blue Energy selected the BWRX-300 earlier this year and has been working with GVH to advance engineering and licensing activities for the project.

“This filing is an important step in turning our vision for repeatable, scalable, rapidly-built new nuclear into a real project,” said **Jake Jurewicz, CEO and co-founder of Blue Energy**. “Our team has moved from technology selection to the NRC construction permitting process in a matter of months, and we are proud of the progress we are making with GE Vernova. We believe combining Blue Energy’s approach to project development and construction with the BWRX-300 can create a faster, more repeatable path to deploying new nuclear power in the United States.”

Blue Energy is pursuing a phased approach to its construction permit application. The company expects to submit the remaining portion of the application in 2027 after they complete the NRC-mandated one calendar year of site-specific data collection.

GVH is supporting Blue Energy with technical information and engineering work related to the BWRX-300. The companies announced a project acceleration agreement in April 2026 to advance deployment of BWRX-300 small modular reactors and GE Vernova gas turbines at the Texas project.

The Blue Energy milestone comes as BWRX-300 deployment continues to advance in North America. Ontario Power Generation is constructing the first BWRX-300 at its Darlington New Nuclear Project in Ontario, Canada, while TVA is progressing licensing and development work for a BWRX-300 at Clinch River in Tennessee.

These projects are establishing the licensing, engineering, manufacturing and supply chain foundation needed to support repeat deployment of the BWRX-300 in the United States and internationally.

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About Blue Energy

Founded in 2023, Blue Energy is a vertically integrated deployment platform for financeable, turnkey nuclear power plants compatible with leading reactor technology. Our proprietary lower cost of capital solution and offsite pre-fabrication accelerates new nuclear deployment – making it predictable, faster and more affordable. We will deliver baseload power competitive with fossil fuels and renewables to meet unprecedented global demand. Blue Energy's world-class team has extensive experience in nuclear construction, licensing, engineering, and development. We stem from MIT's Nuclear Science & Engineering Department and are backed by VXI Capital, Engine Ventures, At One Ventures and Tamarack Global. Visit www.blueenergy.co or follow us on LinkedIn.

About GE Vernova Hitachi Nuclear Energy

GE Vernova’s Nuclear energy business, through its global alliance with Hitachi, is a world-leading provider of nuclear fuel bundles, services, and advanced nuclear reactor designs. Technologies include boiling water reactors and small modular reactors, such as the BWRX-300, which is one of the simplest, yet most innovative boiling water reactor designs. GE Vernova’s Nuclear fuel business, Global Nuclear Fuel (GNF), is a world-leading supplier of boiling water reactor fuel and fuel-related engineering services. GNF is a GE Vernova-led joint venture with Hitachi, Ltd. and operates primarily through Global Nuclear Fuel-Americas, LLC in Wilmington, N.C., and Global Nuclear Fuel-Japan Co., Ltd. in Kurihama, Japan. HITACHI is a trademark of Hitachi, Ltd. used under trademark license. GE is a trademark of General Electric Company used under trademark license.

Forward-Looking Statements

This document contains forward-looking statements – that is, statements related to future events that by their nature address matters that are, to different degrees, uncertain. These forward-looking statements often address GE Vernova’s expected future business and financial performance and financial condition, and the expected performance of its products, the impact of its services and the results they may generate or produce, and often contain words such as “expect,” “anticipate,” “intend,” “plan,” “believe,” “seek,” “see,” “will,” “would,” “estimate,” “forecast,” “target,” “preliminary,” or “range.” Forward-looking statements by their nature address matters that are, to different degrees, uncertain, such as statements about planned and potential transactions, investments or projects and their expected results and the impacts of macroeconomic and market conditions and volatility on the Company’s business operations, financial results and financial position and on the global supply chain and world economy.

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