GE Vernova’s Nuclear business selects Worley Chemetics to design and fabricate key component for BWRX-300 small modular reactor

- Canada-based Worley Chemetics also joins BWRX-300 qualified supplier group

WILMINGTON, North Carolina (October 31, 2024) — GE Vernova’s Nuclear business (NYSE: GEV), GE Hitachi Nuclear Energy (GEH), today announced it has selected Canada-based Worley Chemetics, which has a fabrication facility in Pickering, Ontario, to design and fabricate the isolation condenser system for the BWRX-300 small modular reactor, the first grid-scale SMR in North America.

“The isolation condenser system is a key passive safety feature of the BWRX-300 design and we look forward to collaborating with Worley Chemetics on a manufacturing design that will deliver outstanding safety, quality and performance,” said **Sean Sexstone, Executive Vice President, Advanced Nuclear, GEH**. “This collaboration aims to strengthen Ontario’s nuclear supply chain and bring economic benefits to the region.”

“We’re delighted to partner with GE Hitachi to help solve the complex challenges of energy transition while expanding nuclear opportunities in Canda,” said **Andrew Barr, President, Worley Chemetics**. “This partnership builds on Worley Chemetics’ 60-year legacy of delivering sustainable process technologies, our recently acquired ASME nuclear certification and our newly expanded specialized alloy fabrication facility in Ontario.”

It was also announced today that Worley Chemetics has joined the BWRX-300 qualified supplier group which was established to help ensure a reliable, cost effective and innovative process for manufacturing and commercialization of the BWRX-300. Suppliers who meet pre-defined criteria, customer requirements and demonstrate a willingness to invest in BWRX-300 supply chain capabilities are

eligible for selection to the group. Worley Chemetics joins BWXT Canada Ltd. (BWXT Canada) in the group with additional members expected to be announced soon. GE Vernova is well positioned to lead SMR supply chain development by leveraging its global presence and collaborations.

Ontario Power Generation (OPG), GEH, AtkinsRéalis and Aecon Construction Group have entered into a contract to construct the first BWRX-300 at OPG's Darlington site. Early site preparation work has been completed with construction expected to start in 2025 and commercial operation to commence by the end of 2029. A total of four 300 MW units are planned for the Darlington site. OPG's decades of operating experience and proven track record of delivering on-time, on-budget nuclear refurbishment, combined with GEH's nuclear expertise, sets the stage for success in advancing the energy landscape in other regions.

The BWRX-300 is a key pillar of GE Vernova's energy transition leadership. In addition to helping customers achieve decarbonization goals, the BWRX-300 is designed to reduce construction and operating costs. Specifically, the BWRX-300 leverages a unique combination of existing fuel, plant simplifications, proven components and a design based on an NRC-certified reactor design.

###

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.

About GE Vernova

GE Vernova (NYSE: GEV) is purpose-built global energy company that includes Power, Wind, and Electrification segments and is supported by its accelerator businesses. Building on over 130 years of experience tackling the world's challenges, GE Vernova is uniquely positioned to help lead the energy transition by continuing to electrify the world while simultaneously working to decarbonize it. GE Vernova helps customers power economies and deliver electricity that is vital to health, safety, security, and improved quality of life. GE Vernova is headquartered in Cambridge, Massachusetts, U.S., with approximately 75,000 employees across 100+ countries around the world. Supported by the Company's purpose, The Energy to Change the World, GE Vernova technology helps deliver a more affordable, reliable, sustainable, and secure energy future.

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.

GE Vernova's mission is embedded in its name – it retains its legacy, "GE," as an enduring and hard-earned badge of quality and ingenuity. "Ver" / "verde" signal Earth's verdant and lush ecosystems. "Nova," from the Latin "novus," nods to a new, innovative era of lower carbon energy. Learn more: GE Vernova and LinkedIn.

© 2024 GE Vernova and/or its affiliates. All rights reserved.
GE and the GE Monogram are trademarks of General Electric Company used under trademark license.

© 2024 GE Vernova and/or its affiliates. All rights reserved.</br>
GE is a trademark of General Electric Company and is used under trademark license

https://www.gevernova.com/
GE Vernova

Media inquiries

Jon Allen

GE Vernova | Communications, Nuclear Power
jonathan.allen1@gevernova.us
+1 910 819 2581