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Lightbridge Applauds the American Nuclear Society's Report: The U.S. Nuclear R&D Imperative

Report Outlines Recommendations to Accelerate Advanced Nuclear Technology Innovation

RESTON, Va., Feb. 17, 2021 (GLOBE NEWSWIRE) -- [Lightbridge Corporation](#) (Nasdaq: LTBR), an advanced nuclear fuel technology company, congratulates the American Nuclear Society (ANS) on today's release of *The U.S. Nuclear R&D Imperative*, a report from the ANS Task Force on Public Investment in Nuclear Research and Development. Lightbridge President and CEO Seth Grae serves on this task force and was a contributor to this report.

As the report states, "The American Nuclear Society (ANS) commissioned a Task Force on Public Investment in Nuclear Research and Development to bring together 20 technical experts from the U.S. Department of Energy's national laboratories, universities, private companies, utilities, suppliers, and ANS professional divisions. This group assessed the R&D needs of the U.S. nuclear energy technology sector in the 2020s and the federal investment required to meet those needs and enable a commercial scale-up of U.S. advanced nuclear energy systems starting in 2030."

The report is meant to serve as a prospectus for the nuclear policymaking community as Congress and the Biden administration consider options for expanding U.S. zero-carbon generating capacity, while preserving U.S. influence over global nuclear safety and nonproliferation norms and spurring economic growth through high-wage jobs in the nuclear sector.

"Today's ANS task force report comes at a propitious time for advanced nuclear technology to gain federal government leadership and support," said Seth Grae, President and CEO of Lightbridge. "The facts regarding nuclear power are clear; it is an essential form of clean energy, creating high-paying, long-lasting jobs. We have only scratched the surface of the potential opportunities for advanced nuclear technology to meaningfully contribute to solving climate change. As part of this esteemed task force, I had the privilege of sharing my thoughts on matters related to advanced nuclear fuel, high-assay-low-enriched uranium (HALEU), and small modular reactors (SMRs)."

Click here to view the report: www.ans.org/rnd21

About Lightbridge Corporation

Lightbridge (NASDAQ: LTBR) is an advanced nuclear fuel technology development company based in Reston, Virginia, United States. The Company is developing Lightbridge Fuel™, a proprietary next-generation nuclear fuel technology for current and future reactors, which significantly enhances the economics, safety, and proliferation resistance of nuclear

power. Lightbridge invented, patented, and has independently validated its technology, with goals of preventing climate change and enhancing national security. The Company has assembled a world-class development team. Four large electric utilities that generate about half of America's nuclear power advise Lightbridge on fuel development and deployment. The Company plans to operate under a licensing and royalty model and based on the increased power generated by Lightbridge-designed fuel, expects to offer high ROI for operators of existing and new reactors. For more information please visit: www.ltbridge.com.

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Forward Looking Statements

With the exception of historical matters, the matters discussed in this news release are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding the timing and outcome of research and development activities, other steps to commercialize Lightbridge Fuel™ and future governmental support and funding for nuclear energy. These statements are based on current expectations on the date of this news release and involve a number of risks and uncertainties that may cause actual results to differ significantly from such estimates. The risks include, but are not limited to: the Company's ability to commercialize its nuclear fuel technology; the degree of market adoption of the Company's product and service offerings; market competition; dependence on strategic partners; demand for fuel for nuclear reactors; the Company's ability to manage its business effectively in a rapidly evolving market; changes in the political environment; risks associated with the further spread of COVID-19, including the ultimate impact of COVID-19 on people, economies, and the Company's ability to access capital markets; the outcome of the arbitration with the Company's former joint venture partner and dissolution of the Enfission joint venture; as well as other factors described in Lightbridge's filings with the U.S. Securities and Exchange Commission. Lightbridge does not assume any obligation to update or revise any such forward-looking statements, whether as the result of new developments or otherwise, except as required by law. Readers are cautioned not to put undue reliance on forward-looking statements.

A further description of risks and uncertainties can be found in Lightbridge's Annual Report on Form 10-K for the fiscal year ended December 31, 2019 and in its subsequent reports on Form 10-Q, including in the sections thereof captioned "Risk Factors" and "Forward-Looking Information and Factors That May Affect Future Results", as well as in its subsequent reports on Form 8-K, all of which are filed with the U.S. Securities and Exchange Commission and available at <http://www.sec.gov/> and www.ltbridge.com.

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Source: Lightbridge Corporation