

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): **July 19, 2021**

LIGHTBRIDGE CORPORATION

(Exact name of registrant as specified in its charter)

Nevada	001-34487	91-1975651
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

11710 Plaza America Drive, Suite 2000
Reston, VA 20190
(Address of principal executive offices, including zip code)

(571) 730-1200
(Registrant's Telephone Number, Including Area Code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class:	Trading Symbol(s):	Name of Each Exchange on Which Registered:
Common Stock, \$0.001 par value	LTBR	The Nasdaq Capital Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 8.01 Other Events.

On July 19, 2021, Lightbridge Corporation announced that it has entered into a Cooperative Research and Development Agreement with the Battelle Memorial Institute, Pacific Northwest Division, the operating contractor of the Pacific Northwest National Laboratory, in collaboration with the U.S. Department of Energy, to advance a critical stage in the manufacturing process of its Lightbridge Fuel™. A copy of the press release is furnished as Exhibit 99.1 to this report.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
<u>99.1</u>	<u>Press Release, dated July 19, 2021.</u>

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

LIGHTBRIDGE CORPORATION

Dated: July 19, 2021

By: /s/ Seth Grae

Name: Seth Grae

Title: President and Chief Executive Officer



FOR IMMEDIATE RELEASE

Lightbridge Signs Cooperative R&D Agreement with the U.S. Department of Energy's Gateway for Accelerated Innovation in Nuclear (GAIN) Program

Second CRADA Set to Further Advance Lightbridge Fuel™ Development Efforts

RESTON, Va. – July 19, 2021 – Lightbridge Corporation (“Lightbridge,” or the “Company”) (NASDAQ: LTBR), an advanced nuclear fuel technology company, is pleased to announce that it has executed a Cooperative Research and Development Agreement (CRADA) with the Battelle Memorial Institute, Pacific Northwest Division, the operating contractor of the Pacific Northwest National Laboratory (PNNL), in collaboration with the U.S. Department of Energy (DOE). The principal goal of this agreement is to advance a critical stage in the manufacturing process of Lightbridge Fuel™ by demonstrating a casting process using depleted uranium-zirconium material. The total project value of the CRADA is approximately \$663,000, with three-quarters of this amount funded by DOE for the scope performed by PNNL.

Seth Grae, President & CEO of Lightbridge Corporation, commented, “We are excited to kick off our second R&D initiative through the DOE and the GAIN program. The GAIN program continues to be a superb opportunity for Lightbridge to partner with the US government to gain access to world-class personnel and facilities. Partnering with the GAIN program enables us to save the high costs of time and capital to create these experiments ourselves while retaining our intellectual property and fast-tracking our R&D efforts. We hope to further our efforts to partner with the DOE and the US government in advancing US nuclear technology development, which in combination with renewables helps address climate change and ensure the U.S. maintains a global leadership position in nuclear technology.”

Ali Zbib, Manager of Nuclear Power Systems at PNNL stated, “The partnership with Lightbridge will leverage PNNL’s capabilities and expertise in nuclear fuels, particularly in advanced uranium alloy casting to advance their Lightbridge Fuel™ technology.”

About Lightbridge Corporation

Lightbridge (NASDAQ: LTBR) is an advanced nuclear fuel technology development company positioned to enable carbon-free energy applications that will be essential in preventing climate change. The Company is developing Lightbridge Fuel™, a proprietary next-generation nuclear fuel technology for Small Modular Reactors, as well as existing light-water reactors, which significantly enhances reactor safety, economics, and fuel proliferation resistance. To date, Lightbridge has been awarded twice by the U.S. Department of Energy's Gateway for Accelerated Innovation in Nuclear program to support development of Lightbridge Fuel™. Lightbridge's innovative fuel technology is backed by an extensive worldwide patent portfolio. Lightbridge is included in the Russell Microcap® Index. For more information, please visit: www.ltbridge.com.

To receive Lightbridge Corporation updates via e-mail, subscribe at <https://www.ltbridge.com/investors/news-events/email-alerts>

Lightbridge is on Twitter. Sign up to follow @LightbridgeCorp at <http://twitter.com/lightbridgecorp>.

Forward Looking Statements

With the exception of historical matters, the matters discussed herein 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; the Company's ability to fund general corporate overhead and outside research and development costs; market competition; our ability to attract and retain qualified employees; dependence on strategic partners; demand for fuel for nuclear reactors, including small modular reactors; the Company's ability to manage its business effectively in a rapidly evolving market; the availability of nuclear test reactors and the risks associated with unexpected changes in the Company's fuel development timeline; the increased costs associated with metallization of our nuclear fuel; public perception of nuclear energy generally; 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; changes in the laws, rules and regulations governing the Company's business; development and utilization of, and challenges to, our intellectual property; risks associated with potential shareholder activism; potential and contingent liabilities; as well as other factors described in Lightbridge's filings with the 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 31st, 2020, and in its other filings with the Securities and Exchange Commission, including in the sections thereof captioned "Risk Factors" and "Forward-Looking Statements", all of which are available at <http://www.sec.gov/> and www.ltbridge.com.

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