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**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): **February 1, 2018**

**LIGHTBRIDGE CORPORATION**

(Exact name of registrant as specified in its charter)

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

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.

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**Item 7.01 Regulation FD Disclosure.**

Lightbridge Corporation ("Lightbridge") issued a press release on February 1, 2018 announcing that it has been awarded key patents in both Europe and China related to Lightbridge's innovative metallic fuel design that each extend through 2034. These patents follow Notices of Allowances that were issued by the European Patent Office and the State Intellectual Property Office of the People's Republic of China, as reported in October 2017. A copy of the press release is furnished as Exhibit 99.1 to this report.

The information in this Item 7.01 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by reference to such filing.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

<b>Exhibit No.</b>	<b>Description</b>
<a href="#">99.1</a>	<a href="#">Press release dated February 1, 2018</a>

**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: February 1, 2018

By: /s/ Seth Grae  
Name: Seth Grae  
Title: President and Chief Executive Officer



FOR IMMEDIATE RELEASE

**Lightbridge Awarded Key Patents in Europe and China for Innovative Metallic Fuel Design**

RESTON, Va. – February 1, 2018 – Lightbridge Corporation (NASDAQ: LTBR), a nuclear fuel technology company, today announced it has been awarded key patents in both Europe and China related to Lightbridge’s innovative metallic fuel design that each extend through 2034. These patents follow Notices of Allowances that were issued by the European Patent Office and the State Intellectual Property Office of the People’s Republic of China, as reported in October 2017.

The newly issued patents cover an alternative embodiment of a multi-lobe fuel rod design; an all-metal pressurized water reactor (PWR) fuel assembly design incorporating multi-lobe fuel rods based on the alternative embodiment; and an all-metal PWR fuel assembly design incorporating multi-lobe fuel rods arranged into a mixed grid pattern, thereby covering the all-metal fuel assembly design after the most recent optimization.

Seth Grae, President and CEO of Lightbridge, said: “These latest patents are a critical step in solidifying our intellectual protection around the world as we gear up for commercialization through Enfission, our newly formed joint venture with Framatome. Our fuel is ideally suited for the European and Chinese markets, as it is designed to significantly enhance both the economics and safety of existing and planned nuclear reactors. With 181 operating nuclear power plants across Europe, and China poised to become the largest market for nuclear, these patents provide us a crucial and defensible foothold in each of these markets for years to come.”

Lightbridge has patents pending in various countries around the world, including the United States, South Korea, Canada, Japan, Eurasia, and Australia, as well as additional patents pending in Europe and China.

**About Lightbridge Corporation**

Lightbridge (NASDAQ: LTBR) is a nuclear fuel technology development company based in Reston, Virginia, USA. The Company develops proprietary next generation nuclear fuel technologies for current and future reactors. The technology significantly enhances the economics and safety of nuclear power, operating about 1000° C cooler than standard fuel. Lightbridge invented, patented and has independently validated the technology, including successful demonstration of the fuel in a research reactor with near-term plans to demonstrate the fuel under commercial reactor conditions. The Company has assembled a world class development team including veterans of leading global fuel manufacturers. Four large electric utilities that generate about half the nuclear power in the US already advise Lightbridge on fuel development and deployment. The Company operates under a licensing and royalty model, independently validated and based on the increased power generated by Lightbridge-designed fuel and high ROI for operators of existing and new reactors. The economic benefits are further enhanced by anticipated carbon credits available under the Clean Power Plan. Lightbridge also provides comprehensive advisory services for established and emerging nuclear programs based on a philosophy of transparency, non-proliferation, safety and operational excellence. For more information please visit: [www.ltbridge.com](http://www.ltbridge.com).

To receive Lightbridge Corporation updates via e-mail, subscribe at <http://ir.ltbridge.com/alerts.cfm>.

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 in this news release are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding the Company’s plans for commercialization through Enfission, the acceptance of the Company’s fuel in the European and Chinese markets and the potential of the nuclear market in China. 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, potential challenges to the Company’s patents; 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; 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. Readers are cautioned not to put undue reliance on forward-looking statements.*

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