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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): **January 12, 2016**

**LIGHTBRIDGE CORPORATION**

(Exact name of registrant as specified in its charter)

**Nevada**  
(State or other jurisdiction  
of incorporation)

**001-34487**  
(Commission  
File Number)

**91-1975651**  
(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)

**1600 Tysons Boulevard, Suite 550**  
**McLean, VA 22102**  
(Former name or former address, if changed since last report)

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))
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**Item 7.01 Regulation FD Disclosure.**

On January 12, 2016, Lightbridge Corporation (“Lightbridge”) issued a press release announcing its entry into an initial services agreement with BWXT Nuclear Energy, Inc., a wholly owned subsidiary of BWX Technologies, Inc., to evaluate the ability to fabricate and prepare a preliminary plan for fabrication of Lightbridge-designed partial length nuclear fuel samples at BWXT facilities in the United States. A copy of the press release is furnished with this Form 8-K as Exhibit 99.1.

Also on January 12, 2016, Lightbridge issued a press release announcing that the Institute for Energy Technology, which operates the Halden Research Reactor in Norway, has received formal regulatory approval from the Norwegian Radiation Protection Authority for all planned irradiation of Lightbridge metallic fuel at the Halden Research Reactor in Norway. A copy of the press release is furnished with this Form 8-K as Exhibit 99.2.

The information in this Item 7.01, including the press releases, 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.

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## 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.

Dated: January 12, 2016

LIGHTBRIDGE CORPORATION

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

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FOR IMMEDIATE RELEASE

**Lightbridge Enters into Initial Services Agreement with BWXT**

*Initial scope includes evaluation of the ability to fabricate and the preparation of a preliminary plan for fabrication of Lightbridge-designed partial length nuclear fuel samples at BWXT facilities in the United States.*

**RESTON, Virginia** – January 12, 2016 – Lightbridge Corporation (NASDAQ: LTBR), a U.S. nuclear energy company, has entered into an Initial Services Agreement with BWXT Nuclear Energy, Inc., a wholly owned subsidiary of BWX Technologies, Inc. (NYSE: BWXT) to evaluate the ability to fabricate and to prepare a preliminary plan for fabrication of Lightbridge-designed partial length nuclear fuel samples at BWXT facilities in the United States. This plan is expected to be completed by early Q2 2016 at which time the parties intend to explore expanding their collaboration to support: (1) development and demonstration of manufacturing processes for Lightbridge-designed metallic fuel applicable to production of irradiation fuel samples, and (2) fabrication of the required fuel samples for irradiation testing in the Institute for Energy Technology's (IFE) Halden research reactor in Norway. This irradiation testing is planned to begin in 2017.

Seth Grae, President & Chief Executive Officer of Lightbridge Corporation, commented, "BWXT brings unique fuel manufacturing expertise and capabilities to help advance our nuclear fuel technology. This agreement provides Lightbridge an additional option for manufacturing our fuel samples for irradiation testing in Norway, adding fuel fabrication redundancy to ensure that we will meet all our timelines. We look forward to expanding our collaboration with BWXT."

Mr. Grae concluded, "Our growing list of partners is further validation of the global interest in our patented fuel technology. Moreover, the Paris agreement reached at the 21st Conference of Parties (COP21) last month commits virtually all countries to reduce CO2 emissions, and the U.S. Clean Power Plan provides that power uprates to reactors will count towards each state's compliance with the plan's requirements. Our fuel is uniquely designed to achieve power uprates while improving power plant economics and increasing the safety margins, helping to decarbonize energy supply."

**About Lightbridge Corporation**

Lightbridge is a nuclear energy company based in Reston, Virginia, USA. The Company develops proprietary next generation nuclear fuel technologies for current and future nuclear reactor systems. Lightbridge's breakthrough fuel technology is establishing new global standards for safe and clean nuclear power and leading the way to a sustainable energy future. The Company also provides comprehensive advisory services for established and emerging nuclear programs based on a philosophy of transparency, non-proliferation, safety and operational excellence. Lightbridge consultants provide integrated strategic advice and expertise across a range of disciplines including regulatory affairs, nuclear reactor procurement and deployment, reactor and fuel technology and international relations. The Company leverages those broad and integrated capabilities by offering its services to commercial entities and governments with a need to establish or expand nuclear industry capabilities and infrastructure.

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>.

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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 Company's competitive position, the timing of demonstration testing and commercial production, the Company's entry into agreements with nuclear fuel manufacturers and the timing thereof, the potential impact of the U.S. Clean Power Plan and similar regulations, the Company's anticipated financial resources and position, the Company's product and service offerings, and the expected market for the Company's product and service offerings. 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 degree of market adoption of the Company's product and service offerings; market competition; dependence on strategic partners; demand for fuel for nuclear reactors; and 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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### **Lightbridge Media and Investor Contact:**

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**FOR IMMEDIATE RELEASE****Norwegian Radiation Protection Authority Grants Regulatory Approval for Planned Irradiation of Lightbridge Metallic Fuel at the Halden Research Reactor**

**RESTON, Virginia** – January 12, 2016 – Lightbridge Corporation (NASDAQ: LTBR), a U.S. nuclear energy company, announced today that the Institute for Energy Technology (IFE), which operates the Halden Research Reactor in Norway, had received formal regulatory approval from the Norwegian Radiation Protection Authority (NRPA) for all planned irradiation of Lightbridge metallic fuel at the Halden Research Reactor in Norway, which is expected to begin in 2017.

This regulatory approval follows a safety report previously submitted by IFE to the NRPA relating to irradiation testing of Lightbridge-designed metallic fuel samples, as well as the recently announced export license approval by the Norwegian Ministry of Foreign Affairs.

The NRPA noted the safety advantages of Lightbridge metallic fuel, including much better thermal conductivity than oxide fuel, which contributes to significantly lower centerline temperatures in the fuel as compared to oxide fuel, and reduced likelihood for a release of fission products should a cladding breach occur.

Seth Grae, CEO of Lightbridge Corporation, commented, "This milestone marks the final regulatory approval in Norway required to begin testing of our advanced metallic fuel under commercial reactor operating conditions in the Halden research reactor in 2017. With all regulatory approvals in place in Norway, we are confident that we will continue to remain on schedule to begin demonstration of our advanced metallic nuclear fuel in the Halden research reactor under commercial power reactor operating conditions. We will then conduct post irradiation examination and have independent confirmation of the results. This data will be shared with utilities and our fuel fabrication partner(s) to support license applications with the US Nuclear Regulatory Commission (NRC) and/or nuclear regulators in other countries for use of the Lightbridge-designed metallic fuel in commercial reactors."

Mr. Grae continued, "Our fuel is uniquely designed to achieve power uprates while improving power plant economics and increasing the safety margins, helping to decarbonize energy supplies. Upon commercial deployment of our fuel by nuclear utilities around the world, we are confident in our ability to generate annually hundreds of millions of dollars in high margin licensing fees, which will translate into significant value for shareholders."

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