
**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): **March 5, 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.

Item 7.01 Regulation FD Disclosure.

Lightbridge Corporation ("Lightbridge") has learned that its innovative nuclear fuel will be featured in the April 2018 edition of Nuclear Engineering and Design, an international journal devoted to all aspects of nuclear fission energy. The article, entitled "Proliferation resistant plutonium: An updated analysis," explores the proliferation resistance of Lightbridge's fuel. The authors performed an independent evaluation via computer simulation of Lightbridge's fuel design for a pressurized water reactor and came to the conclusion that the resultant plutonium would be useless in current nuclear weapon designs.

Investors are encouraged to read the article in its entirety, including important assumptions and limitations discussed therein. Lightbridge has not evaluated the methodology used by the authors or the claims or conclusions set forth in the article. Lightbridge expressly disclaims any responsibility for the contents of the article and expressly disclaims any duty to update any information

contained in the article, except as required by law.

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.

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: March 5, 2018

By: */s/ Seth Grae* _____

Name: Seth Grae

Title: President and Chief Executive Officer