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): **May 20, 2019**

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 7.01 Regulation FD Disclosure.

On May 20, 2019, Enfission, LLC, a joint venture of Lightbridge Corporation and Framatome, issued a press release announcing the addition of EDF Energy, a subsidiary of Électricité de France S.A. (EDF Group), the largest owner and operator of nuclear power plants around the world, to Enfission's Nuclear Utility Fuel Advisory Board. 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

Exhibit No.	Description
99.1	Press release of Enfission, LLC dated May 20, 2019.

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: May 20, 2019

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

EXHIBIT 99.1

Enfission Announces Addition of EDF Energy to its Nuclear Utility Fuel Advisory Board

RESTON, Va., May 20, 2019 -- Enfission, LLC, a joint venture of Lightbridge Corporation (NASDAQ: LTBR) and Framatome, today announced that EDF Energy, a subsidiary of Électricité de France S.A. (EDF Group), the largest owner and operator of nuclear power plants around the world, has joined its Nuclear Utility Fuel Advisory Board (NUFAB). Roger Float, Nuclear Fuel Strategy & Commercial Manager, will represent EDF Energy. EDF Energy is a diversified energy company in the United Kingdom, including a portfolio of nuclear power stations plus new reactors under construction.

NUFAB was formed in 2011 comprising senior fuel managers from leading electric utilities that account for approximately 50% of the installed nuclear capacity in the U.S. With the addition of EDF Energy, NUFAB now includes leading commercial nuclear operators both in the U.S. and internationally.

Roger Float, Nuclear Fuel Strategy & Commercial Manager at EDF Energy, commented, "We welcome the opportunity to join NUFAB and provide our insight to Enfission, given the unprecedented level of evolution/revolution that fuel design is undergoing - of which Lightbridge Fuel™ is such an important part. Specifically, there are a number of potential benefits the fuel could bring to the nuclear industry including improved economics, power uprates, longer fuel cycles, as well as enhanced safety benefits. I look forward to working closely with Enfission and the other members of NUFAB to contribute to the success of this fuel development program worldwide."

Seth Grae, Chief Executive Officer of Enfission, stated, “We are honored to welcome EDF Energy, represented by Roger Float, a senior nuclear industry executive, to NUFAB. EDF Energy brings insight and expertise that will be valuable towards the development and qualification of Lightbridge Fuel™.”

About Enfission

Enfission is a US-based 50-50 joint venture between Lightbridge Corporation and Framatome. Enfission was established January 25, 2018 to complete the development, regulatory licensing, and commercial deployment worldwide of nuclear fuel assemblies based on multi-lobe metallic twisted fuel technology. Enfission will produce Lightbridge Fuel™ assemblies initially for operators of U.S. commercial nuclear power plants, then follow with production of Lightbridge Fuel™ assemblies for other types of reactors and for markets around the world. Additional information about the Company is available at: www.enfission.net.

Enfission Contact:

David Waldman/Natalya Rudman Tel. +1 855-379-9900