
**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 18, 2015**

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.)

1600 Tysons Boulevard, Suite 550
McLean, VA 22102
(Address of principal executive offices, including zip code)

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

Not Applicable
(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))
-

Item 8.01. Other Events.

On May 18, 2015, Lightbridge Corporation, a Nevada corporation (the “Company”), issued a press release announcing that four United States utility companies had submitted a formal expression of interest in a metallic fuel design of the Company to the U.S. Nuclear Regulatory Commission. A copy of the press release is furnished as exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

| Exhibit No. | Description |
|----------------------|--|
| 99.1 | Press Release dated May 18, 2015 |

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

Date: May 18, 2015

By: /s/ Seth Grae
Seth Grae

Chief Executive Officer



FOR IMMEDIATE RELEASE

**FORMAL EXPRESSION OF INTEREST IN LIGHTBRIDGE METALLIC FUEL SUBMITTED
TO U.S. NUCLEAR REGULATORY COMMISSION BY FOUR MAJOR U.S. UTILITIES**

MCLEAN, VA, May 18, 2015 – The U.S. Nuclear Regulatory Commission (NRC) disclosed today that four U.S. electric utility companies representing nearly 50% of the nation's nuclear generation have formally asked the Commission to prepare to review the patented metallic fuel design of Lightbridge Corporation (NASDAQ: LTBR), citing opportunities for this fuel product to "significantly improve safety and fuel cycle economics" of nuclear power plants. The NRC relies on communications from U.S. utilities to adjust Commission staffing levels and budgets in anticipation of regulatory review of licensing applications.

The utilities said their joint letter was being submitted in advance of an expected application to the NRC in 2017 for use of Lightbridge fuel lead test assemblies in an "operating U.S. pressurized water reactor as early as 2020." The Commission posted the utilities' expression of interest in Lightbridge's fuel and supporting documents on its official web site at <http://pbadupws.nrc.gov/docs/ML1513/ML15134A092.pdf>

"Lightbridge is developing the first truly next generation commercial fuel design that can provide significant fuel performance and economic benefits to nuclear utilities," said Seth Grae, Lightbridge President and Chief Executive Officer. "This expression of interest by major U.S. utilities is the strongest endorsement to date of Lightbridge fuel by potential customers. The Company believes it remains well positioned to realize high-margin revenue streams from technology licensing fees and royalties from a growing \$25 billion annual global market for nuclear fuel."

The advantages of Lightbridge's metallic fuel design were confirmed in independent third-party analyses published in 2012 and 2013, he added. These reports, which include a peer-reviewed article published in Nuclear Technology, are available for download at <http://ir.ltbridge.com/>. Grae said the indicated benefits of Lightbridge's fuel include:

- A 1,000°C reduction in average fuel operating temperature, compared to conventional uranium dioxide pellet fuel, resulting in dramatic safety improvements;
- Improved heat transfer and fluid flow, increased structural strength, and improved performance during transients and accidents;
- 10% more power and longer fuel cycles or up to 17% more power with the same fuel cycle length for existing pressurized water reactors (PWRs);
- Up to 30% more power with the same fuel cycle length for new build PWRs;
- Increased revenue and improved profit margins for existing nuclear power units;
- Lower total levelized cost per kilowatt-hour for new build reactors;
- Increased competitiveness of nuclear power versus fossil or renewable energy sources;

The commercial nuclear energy industry is projected to grow rapidly at a time of rising global demand for reliable, carbon-free, base load electric power. There are currently 437 operable civil nuclear reactors in 30 countries around the world, with 65 reactors under construction and 481 on order, planned or proposed, according to the World Nuclear Association. By 2040, the International Energy Agency projects a 58% increase in nuclear capacity from a combination of power uprates and reactor construction.

"Lightbridge staff and capital are keenly focused on the Company's nuclear fuel development program," Grae said. "We are confident that this focus on near-term catalysts in fuel technology development will lead to long-term value creation for Lightbridge shareholders."

The nuclear fuel managers at Dominion Generation, Duke Energy, Exelon Generation and Southern Company comprise the Nuclear Utility Fuel Advisory Board (NUFAB). The board told the Commission that it intends to advise Lightbridge throughout its remaining, ongoing fuel tests and the regulatory review process.

About Lightbridge Corporation

Lightbridge is a nuclear energy company based in McLean, Virginia. 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.

Important milestones achieved by Lightbridge in 2014 include U.S. Patent and Trademark Office (USPTO) approval and issuance in February of the key patent (#8,654,917) covering the Company's multi-lobed metallic fuel rod design and fuel assemblies. In July, the Company was issued its first international patent on its fuel rod design by the Commonwealth of Australia Patents Office. A provisional patent application was filed in the U.S. relating to use of the Company's metallic fuel in CANDU-type power reactors.

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

Forward Looking Statements

This news release contains statements that are forward-looking in nature within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding the Company's competitive position and 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; and the Company's ability to manage its business effectively in a rapidly evolving market. Certain of these and other risks are set forth in more detail 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.

CONTACT:

Gary Sharpe
Investor Relations and Corporate Communications
Lightbridge Corporation
1-571-730-1213
gsharpe@ltbridge.com
