LIGHTBRIDGE Corp Form 10-K/A November 19, 2009

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 10-K/A

(Amendment No. 1)

x ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended: December 31, 2008

OR

"TRANSITION REPORT PURSUANT TO SECTION 13 or 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from ______ to _____

Commission File Number: 000-28543

LIGHTBRIDGE CORPORATION

(Exact name of registrant as specified in its charter)

Nevada (State or other jurisdiction of incorporation or organization) 91-1975651

(I.R.S. Employer Identification Number)

1600 Tyson's Boulevard, Suite 550 McLean, Virginia 22102 (Address of principal executive office and zip code)

(571) 730-1200 (Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act: None

Securities registered pursuant to Section 12(g) of the Act: Common Stock, par value \$.001

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes." No x

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes "No x

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was

required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes x No "

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. x

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "large accelerated filer," "accelerated filer," and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer " Accelerated filer " Non-accelerated filer " Smaller reporting company x

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act).

Yes "No x

As of June 30, 2008, the aggregate market value of the shares of the Registrant's common stock held by non-affiliates (based upon the closing price of such shares as reported on the Over-the-Counter Bulletin Board) was approximately \$67.9 million. Shares of the Registrant's common stock held by each executive officer and director have been excluded in that such persons may be deemed to be affiliates of the Registrant. This determination of affiliate status is not necessarily a conclusive determination for other purposes.

As of March 23, 2009 there were 301,841,722 shares of the Registrant's common stock outstanding.

DOCUMENTS INCORPORATED BY REFERENCE:

Portions of the Registrant's Definitive Proxy Statement for its 2009 Annual Meeting of Shareholders to be filed with the Commission within 120 days after the close of the Registrant's fiscal year are incorporated by reference into Part III of this Annual Report on Form 10-K.

EXPLANATORY NOTE

This Amendment No. 1 on Form 10-K/A (this "Amendment") amends the Lightbridge Corporation (the "Company") Annual Report on Form 10-K for the year ended December 31, 2008, previously filed with the Securities and Exchange Commission on March 26, 2009 (the "Original Filing"). This Amendment is being filed solely to include revised certifications of the Principal Executive Officer and the Principal Financial and Accounting Officer, required pursuant to Rule 13a-14(a)/15d-14(a) of the Securities Exchange Act and 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. Each certification, as corrected by this Amendment, was true and correct as of the date of the Original Filing.

No modification or update is otherwise made to any other disclosures in the Original Filing, nor does this Amendment reflect any events occurring after the date of the Original Filing.

PART IV

Item 15.

Exhibits and Financial Statement Schedules.

The following exhibits are filed with this report, except those indicated as having previously been filed with the Securities and Exchange Commission and are incorporated by reference to another report, registration statement or form. As to any shareholder of record requesting a copy of this report, we will furnish any exhibit indicated in the list below as filed with this report upon payment to us of our expenses in furnishing the information.

Exhibit	
Number	Description
3.1	Articles of Incorporation (incorporated by reference from the Company's Quarterly Report on Form 10-Q filed on November 12, 2009).
3.2	By-laws (incorporated by reference from the Company's Current Report on Form 8-K filed on September 18, 2006).
4.1	2005 Compensation Plan for Outside Consultants of Custom Brand Networks, Inc. dated March 1, 2005 (incorporated by reference from the Company's Registration Statement on Form S-8 filed on March 10, 2005).
4.2	2005 Augmented Compensation Plan for Outside Consultants of the Company dated August 15, 2005 (incorporated by reference from the Company's Registration Statement on Form S-8 filed on August 19, 2005).
4.3	2006 Stock Plan (incorporated by reference to Exhibit 10.1 of the current report of the Company on Form 8-K filed February 21, 2006)
10.1	Employment Agreement, dated as of February 14, 2006, between the Company and Seth Grae (incorporated by reference to Exhibit 10.2 of the current report of the Company on Form 8-K filed February 21, 2006)
10.2	Teaming Agreement dated February 22, 2006 between The University of Texas System, The University of Texas of the Permian Basin, The University of Texas at Austin, The University of Texas at Arlington, The University of Texas at Dallas, The University of Texas at El Paso, The City of Andrews, Texas, Andrews County, Texas, the Midland Development Corporation, the Odessa Development Corporation, Thorium Power and General Atomics (incorporated by reference from Exhibit 10. the Company's Registration Statement on Form S-4 filed June 14, 2006).
10.3	Employment Agreement, dated July 27, 2006, between the Company and Andrey Mushakov (incorporated by reference to Exhibit 10.1 of the current report of the Company on Form 8-K filed August 4, 2006).
10.4	Independent Director Contract, dated August 21, 2006, between the Company and Victor Alessi (incorporated by reference to Exhibit 10.1 of the current report of the Company on Form 8-K filed August 25, 2006).
10.5	Independent Director's Contract, dated October 23, 2006, between Thorium Power, Ltd. and Jack D. Ladd (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on October 23, 2006).
10.6	Independent Director's Contract, dated October 23, 2006, between Thorium Power, Ltd. and Daniel B. Magraw (incorporated by reference to Exhibit 10.2 to the Company's Current Report on Form 8-K, filed on October 23, 2006).
10.7	Employment Agreement, dated February 1, 2007, between the Company and Erik Hallstrom (incorporated by reference to Exhibit 10.1 of the current report of the Company on Form 8-K filed February 1, 2007).
10.8	Employment Agreement, dated February 1, 2007, between James Guerra and Thorium Power, Ltd. (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on

	October 23, 2007)
10.9	Agreement for Ampoule Irradiation Testing in 2006-2007, dated December 28, 2007, between Thorium
	Power, Inc. and Russian Research Centre Kurchatov Institute (incorporated by reference to Exhibit 10.9
	to the Company's Annual Report on Form 10-K, filed on March 26, 2009).
14.1	Code of Ethics (incorporated by reference from the Company's Annual Report on Form 10-KSB filed on
	November 25, 2005).
31.1*	Rule 13a-14(a)/15d-14(a) Certification - Principal Executive Officer
31.2*	Rule 13a-14(a)/15d-14(a) Certification - Principal Accounting Officer
32*	Section 1350 Certifications

^{*} Filed herewith

SIGNATURES

In accordance with section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant caused this Report on Form 10-K to be signed on its behalf by the undersigned, thereto duly authorized individual.

Date: November 19, 2009

LIGHTBRIDGE CORPORATION

By: /s/ Seth Grae

Seth Grae

Chief Executive Officer, President and Director

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities indicated on November 19, 2009.

SIGNATURE TITLE

/s/ Seth Grae Chief Executive Officer, President and Director

Seth Grae (Principal Executive Officer)

/s/ James Guerra Chief Financial Officer and Treasurer

James Guerra (Principal Accounting and Financial Officer)

/s/ Thomas Graham, Jr. Director

Thomas Graham, Jr.

/s/ Victor Alessi Director

Victor Alessi

/s/ Jack Ladd Director

Jack Ladd

/s/ Dan Magraw Director

Dan Magraw

EXHIBIT INDEX

Exhibit Number	Description
31.1*	Rule 13a-14(a)/15d-14(a) Certification - Principal Executive Officer
31.2*	Rule 13a-14(a)/15d-14(a) Certification - Principal Accounting Officer
32*	Section 1350 Certifications