UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Form 12b-25 NOTIFICATION OF LATE FILING

COMMISSION FILE NUMBER 1-10446

(Check One): [] Form[] Form 10-K 20-F [] Form[X] Form 11-K 10-Q [] Form[] Form N-SAR 10-D

For Period Ended: March 31, 2011

[] Transition Report on Form 10-K

[] Transition Report on Form 20-F

[] Transition Report on Form 11-K

[] Transition Report on Form 10-Q

[] Transition Report on Form N-SAR

For the Transition Period Ended:

Read Instruction (on back page) Before Preparing Form. Please Print or Type.

Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

PART 1 - REGISTRANT INFORMATION

Full Name of Registrant: Lithium Technology Corporation

Former Name if Applicable:

Address of Principal Executive Office (Street and Number): 10379B Democracy Lane

City, State and Zip Code: Fairfax, Virginia 22030

PART II - RULES 12b-25(b) AND (c)

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate)

[x] (a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;

[x] (b) The subject annual report, semi-annual report, transition report on Form 10-K, Form 20-F, Form 11-K, Form N-SAR, or Form N-CSR, or portion thereof, will be filed on or before the fifteenth calendar day following the prescribed due date; or the subject quarterly report of transition report on Form 10-Q, or subject distribution report on Form 10-D, or portion thereof, will be filed on or before the fifth calendar day following the prescribed due date; and

(c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

PART III - NARRATIVE

State below in reasonable detail the reasons why the Form 10-K, 20 F, 11-K, 10-Q, N-SAR, N-CSR, or the transition report or portion thereof, could not be filed within the prescribed time period. (Attach Extra Sheets if Needed)

The Registrant requires additional time to complete its quarterly financial statements and corresponding narratives for management's discussion and analysis. As a result of these factors, the Registrant has been unable to complete and file the subject Form 10-Q without unreasonable effort and expense.

PART IV - OTHER INFORMATION

(1) Name and telephone number of person to contact in regard to this notification

Timothy	J .571	207-9055
Ryder		
(Name)	(Area Code)	(Telephone
		Number)

(2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports) been filed? If answer is no, identify report(s). [X] Yes [] No

(3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof? [] Yes [X] No

If so, attach an explanation of the anticipated change, both normatively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

Lithium Technology Corporation (Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned hereunto duly authorized.

Date: May 16, 2011

By: /s/ Timothy J. Ryder Timothy J. Ryder Chief Financial Officer