

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported):

October 11, 2004

ULTRALIFE BATTERIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

0-20852

16-1387013

(Commission File Number)

(I.R.S. Employer Identification No.)

2000 Technology Parkway, Newark, New York 14513

(Address of principal executive offices) (Zip Code)

(315) 332-7100

(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))

Item 7.01. Regulation FD Disclosure.

The Company announced that Joseph N. Barrella, senior vice president of new business development, has resigned to pursue other business opportunities. His resignation is effective immediately. Refer to the attached Exhibit 99.1 for the entire text of the release, which Exhibit is being furnished but not filed in accordance with Regulation FD.

Item 9.01. Financial Statements, Pro Forma Financials and Exhibits.

(a) Financial Statements of Business Acquired.

Not applicable.

(b) Pro Forma Financial Information.

Not applicable.

(c) Exhibits.

99.1 Press Release dated October 11, 2004

SIGNATURE

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.

ULTRALIFE BATTERIES, INC.

Dated: October 11, 2004

By: /s/ Peter F. Comerford

Peter F. Comerford
Vice President Administration &
General Counsel

Index to Exhibits

(99) Additional Exhibits

99.1 Press Release dated October 11, 2004

Ultralife Announces Resignation of Joseph N. Barrella,
Senior Vice President of New Business Development

NEWARK, N.Y.--(BUSINESS WIRE)--Oct. 11, 2004--Ultralife Batteries, Inc. (NASDAQ: ULBI) announced that Joseph N. Barrella, senior vice president of new business development, has resigned to pursue other business opportunities. His resignation is effective immediately. Mr. Barrella was one of the founders of the company and served on Ultralife's board of directors until June of this year.

"As a pioneer in the development and commercialization of lithium batteries, Joe made numerous contributions to the evolution of Ultralife into the profitable, power source solutions company that it is today," said John D. Kavazanjian, president and chief executive officer. "On behalf of our board of directors and employees, we greatly appreciate his many years of service at the company. His participation and contributions will be missed by all of us." Kavazanjian said that Barrella's former responsibilities will be assumed by Patrick R. Hanna, Jr., vice president of corporate business strategy. "The merging of our new business development and strategic planning activities under Pat is a logical move that we expect will be accomplished in an expeditious manner," added Kavazanjian.

About Ultralife Batteries, Inc.

Ultralife is a leading developer, manufacturer, and marketer of standard and customized lithium primary (non-rechargeable), lithium ion and lithium polymer rechargeable batteries. Ultralife's high-energy batteries use advanced lithium technology and are used in military, industrial and consumer portable electronic products. Through its range of standard products and ability to customize for a wide range of applications, Ultralife is able to provide the next generation of battery solutions. OEM, retail and government customers include Energizer, Kidde Safety, Philips Medical Systems, Radio Shack and the national defense agencies of the United States and United Kingdom, among others.

Ultralife's headquarters, principal manufacturing and research facilities are in Newark, New York, near Rochester. Ultralife (UK) Ltd., a second manufacturing and research facility, is located in Abingdon, U.K. Both facilities are ISO-9001 certified.

Detailed information on Ultralife is available at the Company's web site, www.ultralifebatteries.com.

Ultralife is a registered trademark of Ultralife Batteries, Inc.

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