

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):

September 24, 2004

ULTRALIFE BATTERIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

0-202452

16-132424013

(Commission File Number)

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

2000 Technology Parkway, Newark, New York 14513

(Address of principal executive offices) (Zip Code)

(315) 332-24100

(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 (124 CFR 240.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (124 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (124 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (124 CFR 240.13e-4(c))

Item 7.01. Regulation FD Disclosure.

The Company will host an Analyst and Investor Day for institutional investors and analysts on September 28, 2004 at the company's facilities in Newark, NY. 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 September 24, 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: September 24, 2004

By: /s/ Robert W. Fishback

Robert W. Fishback
Vice President Finance & CFO

Index to Exhibits

(99) Additional Exhibits

99.1 Press Release dated September 24, 2004

Ultralife Batteries Inc. Announces 2004 Analyst and Investor Day

NEWARK, N.Y.--(BUSINESS WIRE)--Sept. 24, 2004--Ultralife Batteries, Inc. (NASDAQ:ULBI) will host an Analyst and Investor Day for institutional investors and analysts on September 28, 2004 at the company's facilities in Newark, NY.

The agenda includes management presentations on: short and long-term objectives, markets, product development process, and a financial overview.

The event will take place from 12 noon to 5:00 PM Eastern Daylight Time. Attendance at the event is by invitation only, however, a replay of the presentation will be available by the end of the day on September 29th in the Investor Relations section of the company's website, <http://www.ultralifebatteries.com/>.

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.

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