

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 19, 2004

ULTRALIFE BATTERIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

0-20852

(Commission File Number)

16-1387013

(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))

1

Item 7.01. Regulation FD Disclosure.

The Company will report its third quarter 2004 results for the period ended September 25, 2004 before the market opens on Thursday, October 28, 2004. 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 19, 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 19, 2004

By: /s/ Robert W. Fishback

Robert W. Fishback
Vice President Finance & CFO

INDEX TO EXHIBITS

(99) Additional Exhibits

99.1 Press Release dated October 19, 2004

Ultralife Batteries, Inc. to Report Third Quarter Results on October 28, 2004;
Investor Conference Call to be Webcast at Ultralife Batteries' Web Site

NEWARK, N.Y.--(BUSINESS WIRE)--Oct. 19, 2004--Ultralife Batteries, Inc. (NASDAQ: ULBI) will report its third quarter 2004 results for the period ended September 25, 2004 before the market opens on Thursday, October 28, 2004. Ultralife management will host an investor conference call at 10:00AM ET also on October 28, 2004. Investors are invited to access a live webcast of the conference call in the Investor Info - Event Calendar section of the company's website: <http://www.ultralifebatteries.com/invest.asp>. A replay of the webcast will be available shortly after the call at the same location and will be archived for 90 days.

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.

CONTACT: Ultralife Batteries, Inc.
Robert W. Fishback, 315-359-6614
bfishback@ulbi.com
or
Investor Relations:
Lippert/Heilshorn & Associates, Inc.
Jody Burfening, 212-838-3777
jburfening@lhai.com
or
Media:
Lippert/Heilshorn & Associates, Inc.
Chenoa Taitt, 212-201-6635
ctaitt@lhai.com