

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

FORM 8-K

Current Report
PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported):

February 3, 2005

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))

Item 7.01. Regulation FD Disclosure.

Ultralife Batteries, Inc. (the "Company") announced that it will report its fourth quarter 2004 results for the period ended December 31, 2004 before the market opens on Thursday, February 10, 2005. The Company's press release is attached as Exhibit 99.1 to this Form 8-K, and the information set forth therein is furnished under item 7.01.

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 February 3, 2005.

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: February 3, 2005.

By: /s/ Robert W. Fishback

Vice President of Finance &
Chief Financial Officer

INDEX TO EXHIBITS

(99) Additional Exhibits

99.1 Press Release dated February 3, 2005.

Ultralife Batteries, Inc. to Report Fourth Quarter Results on February 10, 2005
- Investor Conference Call to be Webcast at Ultralife Batteries' Web Site -

NEWARK, N.Y.--(BUSINESS WIRE)--Feb. 3, 2005--Ultralife Batteries, Inc. (NASDAQ: ULBI) will report its fourth quarter 2004 results for the period ended December 31, 2004 before the market opens on Thursday, February 10, 2005. Ultralife management will host an investor conference call at 10:00AM ET also on February 10, 2005. 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 global provider of power solutions for diverse applications. The company develops, manufactures and markets a wide range of non-rechargeable and rechargeable batteries, charging systems and accessories for use in military, industrial and consumer portable electronic products. Through its range of standard products and engineered solutions, Ultralife is able to provide the next generation of power systems. Industrial, retail and government customers include General Dynamics, Philips Medical Systems, Energizer, Kidde Safety, Lowe's, 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 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, 315-332-7100
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