

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):

November 22, 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.

On November 22, 2004, Ultralife Batteries, Inc. (the "Company") announced the receipt of an order valued at approximately \$2.2 million from the U. S. Defense Department for its BA-5372/U military battery. 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.

(c) Exhibits.

99.1 Press Release dated November 22, 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: November 22, 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 November 22, 2004

Ultralife Batteries, Inc. Receives \$2.2 Million U.S. Army Battery Order

NEWARK, N.Y.--(BUSINESS WIRE)--Nov. 22, 2004--Ultralife Batteries, Inc. (NASDAQ: ULBI) has received an order valued at approximately \$2.2 million from the U.S. Defense Department for its BA-5372/U military battery. The order represents another release under Ultralife's Next Gen II Small Cylindrical battery contract. Deliveries against the new release are expected to begin by the end of 2005.

John D. Kavazanjian, Ultralife's president and chief executive officer, said, "We have been supplying this important battery under a number of contracts for 10 years and have increased production due to its sustained high demand. This latest order illustrates the strength of the overall demand for military batteries, since the BA-5372 is used in the same radio systems as our BA-5390 battery."

NextGen II is the U.S. Army's five-year battery procurement strategy. Phase II of this program included production contracts awarded to provide three types of primary (non-rechargeable) lithium-manganese dioxide batteries. The three battery types - BA-5372/U, BA-5367/U and BA-5368/U - comprise the Small Cylindrical Cell Lithium Manganese Dioxide Battery Group. A major objective of this five-year procurement strategy is to establish and maintain a domestic production base of a sufficient capacity to timely meet peacetime demands and have the ability to surge quickly to meet deployment demands.

The BA-5372/U battery is used for memory backup primarily for the AN/PRC-119 MANPACK Single Channel Ground and Airborne Radio System (SINCGARS), and in numerous other applications including encryption and cryptographic devices, and the Patriot Missile System.

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 facility, is located in Abingdon, U.K. Both facilities are ISO-9001 certified.

This press release contains forward-looking statements based on current expectations that involve a number of risks and uncertainties. The potential risks and uncertainties that could cause actual results to differ materially include: loss of business with the U.S. government, worsening global economic conditions, world events, increased competitive environment and pricing pressures, disruptions related to restructuring actions and delays. Further information on these factors and other factors that could affect Ultralife's financial results is included in Ultralife's Securities and Exchange Commission (SEC) filings, including the latest Annual Report on Form 10-K.

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

Ultralife(R) is a registered trademark Ultralife Batteries, Inc.

CONTACT: Ultralife Batteries, Inc.
Pete Comerford, 315-332-7100
pcomerford@ulbi.com

or

Investor Relations Contact:
Lippert/Heilshorn & Associates, Inc.
Jody Burfening, 212-838-3777
jburfening@lhai.com

or

Media Contact:
Lippert/Heilshorn & Associates, Inc.
Chenoa Taitt, 212-838-3777
ctaitt@lhai.com