

Item 2.02. Results of Operations and Financial Condition.

Ultralife (the “Company”) reported revenue of \$49.6 million for its first quarter of 2008, an increase of 53% compared with \$32.3 million reported in the same three-month period in 2007. Operating income for the quarter was \$2.4 million compared with \$0.6 million last year.

The Company’s press release is attached as Exhibit 99.1 to this Form 8-K. The information set forth in this Form 8-K and the attached exhibit is being furnished to and not filed with the Securities and Exchange Commission and shall not be deemed to be incorporated by reference in any filing under the Securities Exchange Act of 1934, as amended, or the Securities Act of 1933, as amended, except to the extent specifically provided in any such filing.

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

(a) Exhibits.

99.1 Press Release dated May 1, 2008.

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: May 1, 2008

By: /s/ Robert W. Fishback

Robert W. Fishback

Vice President of Finance and CFO

INDEX TO EXHIBITS

(99) Additional Exhibits

99.1 Press Release dated May 1, 2008.