

(908) 864-4444

(Registrant's telephone number,

including area code)

Not applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K 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 2.02. Results of Operations and Financial Condition.

On September 29, 2014, Senesco Technologies, Inc., a Delaware corporation, doing business as Sevion Therapeutics (the “Company”), issued a press release to report the Company’s financial results for the fiscal year ended June 30, 2014. The full text of the press release is attached to this current report on Form 8-K as Exhibit 99.1.

The information in this Item 2.02 and in any exhibits referred to herein shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934 (the “Exchange Act”) or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release of Senesco Technologies, Inc. dated September 29, 2014

SIGNATURES

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.

**SENESCO
TECHNOLOGIES,
INC.**

Dated: September 29, 2014 By: /s/ Ronald A. Martell
Name: Ronald A.
Martell
Title: Chief Executive
Officer