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 2, 2007

KULICKE AND SOFFA INDUSTRIES, INC.

(Exact Name of Registrant as Specified in Charter)

Pennsylvania (State or Other Jurisdiction

000-00121 (Commission File Number)

23-1498399 (I.R.S. Employer

of Incorporation)

Identification No.)

19034

1005 Virginia Drive, Fort Washington, PA (Address of Principal Executive Offices) (Zip Code) Registrant s telephone number, including area code: (215) 784-6000

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

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 (*see* General Instruction A.2. below):

- " 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 January 25, 2007, Kulicke and Soffa Industries, Inc. issued a press release and held a conference call announcing its financial results for its first fiscal quarter ended December 30, 2006. The Company made an error in calculating stock-based compensation expense included in continuing operations for the Company s first fiscal quarter.

On February 2, 2007, the Company issued a press release announcing the corrected financial results for its fiscal quarter ended December 30, 2006. A copy of this press release is furnished as Exhibit 99.1 to this report, and is incorporated by reference into this Item 2.02 as if fully set forth herein.

The information in this report, furnished under Item 2.02. Results of Operations and Financial Condition, shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934 (the Exchange Act), nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No. Description

99.1 Press Release dated February 2, 2007

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.

KULICKE AND SOFFA INDUSTRIES, INC.

February 2, 2007 By: /s/ Maurice E. Carson

Name: Maurice E. Carson

Title: Vice President, Chief Financial Officer

EXHIBIT INDEX

Exhibit No.

DescriptionPress Release dated February 2, 2007 99.1