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): July 19, 2012

Emerson Electric Co.

(Exact Name of Registrant as Specified in Charter)

Missouri

(State or Other

Jurisdiction of Incorporation)

8000 West Florissant Avenue St. Louis, Missouri

(Address of Principal Executive Offices)

1-278

(Commission File Number) 43-0259330

(I.R.S. Employer Identification Number)

63136

(Zip Code)

Registrant's telephone number, including area code:

(314) 553-2000

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:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On July 19, 2012, Emerson Electric Co. received notice of John B. Menzer's resignation as a Director effective September 30, 2012, for health reasons.

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.

EMERSON ELECTRIC CO. (Registrant)

Date: July 24, 2012

By: /s/ Timothy G. Westman

Timothy G. Westman Vice President, Associate General Counsel and Assistant Secretary