
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):

March 22, 2010

Trinity Industries, Inc.

(Exact name of registrant as specified in its charter)

Delaware

1-6903

75-0225040

(State or other jurisdiction
of incorporation)

(Commission
File Number)

(I.R.S. Employer
Identification No.)

2525 Stemmons Freeway, Dallas, Texas

75207-2401

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

214-631-4420

Not Applicable

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:

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

On March 22, 2010, Trinity Industries, Inc. announced that Mark W. Stiles, previously the Group President of Trinity's Construction, Marine, and Components Group, will transition to retirement. The terms of Mr. Stiles' transition agreement have not been finalized. On the same date, Trinity announced that William A. McWhirter II has assumed Mr. Stiles' role as Group President and is expected to step down as Trinity's Chief Financial Officer upon the appointment of his successor. It is expected that James E. Perry will be appointed to the position of Chief Financial Officer by the Board of Directors in May 2010.

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.

Trinity Industries, Inc.

By: *Mr. William A. McWhirter II*

Name: Mr. William A. McWhirter II

Title: Senior Vice President and Chief Financial Officer

March 25, 2010