

Item 2.02 Results of Operations and Financial Condition

Item 7.01 Regulation FD Disclosure

Attached hereto as Exhibit 99.1 and incorporated by reference herein is financial information for ITT Corporation for the first quarter of 2010, the Company's revised fiscal year 2010 earnings per share from continuing operations and revenue guidance and other forward-looking statements relating to 2010 as presented in a press release dated April 30, 2010. This information shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act") or incorporated by reference into any filing under the Securities Act of 1933, as amended, 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

Number Description

99.1 News Release of ITT Corporation, dated April 30, 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.

ITT CORPORATION

Date: April 30, 2010 By: /s/ Burt M. Fealing

Burt M. Fealing

Its: Vice President and Corporate Secretary

(Authorized Officer of Registrant)

EXHIBIT INDEX

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