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 5, 2010

ITT CORPORATION

(Exact name of registrant as specified in its charter)

Indiana

(State or other jurisdiction of incorporation)

1-5672 (Commission File Number)

13-5158950 (I.R.S. Employer Identification No.)

1133 Westchester Avenue White Plains, New York (Address of principal executive offices)

10604 (Zip Code)

(914) 641-2000

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

On March 8, 2010, ITT Corporation (the "Company") issued a News Release announcing that the Board of Directors of the Company had elected David F. Melcher, 55, president of Defense & Information Solutions, a Senior Vice President of the Company. Before joining the Company in December 2008, Mr. Melcher held a variety of roles during his 32 years of service in the United States Army. A copy of the News Release issued by ITT Corporation in connection with this Item 5.02 is attached as Exhibit 99.1 and incorporated by reference herein.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit		
<u>Number</u>	Description	

99.1 News Release of ITT Corporation, dated March 8, 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: March 8, 2010

By:	/s/ Burt M. Fealing
	Burt M. Fealing
Its:	Vice President and Corporate Secretary
	(Authorized Officer of Registrant)

Exhibit Description of Exhibit

99.1 News Release of ITT Corporation, dated March 8, 2010

ITT Corporation Elects David Melcher Senior Vice President

WHITE PLAINS, N.Y.--(BUSINESS WIRE)--March 8, 2010--The Board of Directors of ITT Corporation (NYSE: ITT) today announced it has elected Dave Melcher, president of Defense & Information Solutions, a senior vice president of the company.

Melcher, 55, joined ITT in 2008 as vice president of strategy and business development for Defense. He was named president of ITT's Defense business and elected a corporate vice president later that year.

"Dave has a deep understanding of our customers, and under his leadership we are transforming our Defense business to better position ITT to address the evolving defense space," said Steve Loranger, chairman, president and chief executive officer, ITT.

Before joining ITT, Melcher held a variety of roles during his 32 years of distinguished service in the United States Army. His career was highlighted by troop assignments in Infantry and Armored divisions and high-level military leadership and staff positions. He served as the Army's Military Deputy for Budget and Deputy Chief of Staff for Programs in the Pentagon, and as Commander of the Corps of Engineers — Southwestern Division in Dallas, Texas. He has more than 20 years of defense community experience in program management, strategy development and finance, working with key decision makers within the Army, Department of Defense, Office of Management and Budget, and with members of the United States Congress.

Melcher holds a bachelor's degree in civil engineering from the U.S. Military Academy at West Point and two masters' degrees, one in business administration from Harvard University and another in public administration from Shippensburg University.

About ITT Corporation

ITT Corporation is a high-technology engineering and manufacturing company operating on all seven continents in three vital markets: water and fluids management, global defense and security, and motion and flow control. With a heritage of innovation, ITT partners with its customers to deliver extraordinary solutions that create more livable environments, provide protection and safety and connect our world. Headquartered in White Plains, N.Y., the company generated 2009 revenue of \$10.9 billion. www.itt.com

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