

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Kern Paul J</u>  (Last) (First) (Middle) <u>C/O ITT CORPORATION</u> <u>1133 WESTCHESTER AVENUE</u>  (Street) <u>WHITE PLAINS NY 10604</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ITT Corp [ ITT ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>10/28/2011</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	10/28/2011		M <sup>(1)</sup>		1,288	A	\$0.00	6,214	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Restricted Stock Units	(1)	10/28/2011		M <sup>(1)</sup>			1,288	(2)	(2)	Common Stock	1,288	\$0.00	0	D	

**Explanation of Responses:**

- Each restricted stock unit represented a contingent right to receive one share of ITT Corporation's common stock. Pursuant to the terms of the restricted stock units, if settlement occurs on or after the date on which ITT Corporation distributes all of the shares of new standalone water-related and defense companies to the holders of ITT Corporation's common stock (the "Spin-Off Date"), settlement may be made, at the discretion of ITT's Board of directors, either in shares of ITT Corporation common stock or in shares of common stock on one or more of the spun-off entities having an equivalent aggregate value (or in any combination thereof). The ITT Corporation Board of Directors has elected to settle each restricted stock unit in one share of common stock of each of ITT Corporation, Exelis Inc. and Xylem Inc.
- The restricted stock units were scheduled to vest on the earlier of (1) March 15, 2012 and (2) the business day immediately prior to the Spin-off Date. The business day immediately prior to the Spin-off Date was October 28, 2011.

**Remarks:**

/s/ Burt M. Fealing, Secretary of ITT Corporation, by power 10/31/2011 of attorney for Paul J. Kern

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

The undersigned does hereby nominate, constitute and appoint Burt M. Fealing and Thomas F. Korber or any of them, the undersigned's true and lawful attorney and agent to do any and all acts and things and execute and file any and all instruments which said attorneys and agents, or any of them, may deem necessary or advisable to enable the undersigned (in the undersigned's individual capacity or in any other capacity) to comply with the Securities Exchange Act of 1934 (the "34 Act") and the Securities Act of 1933 (the "33 Act") and any requirements of the Securities and Exchange Commission (the "SEC") in respect thereof, in connection with the preparation, execution and/or filing of (i) any report or statement of beneficial ownership or changes in beneficial ownership of securities of ITT Corporation, an Indiana corporation (the "Company"), that the undersigned (in the undersigned's individual capacity or in any other capacity) may be required to file pursuant to Section 16(a) of the 34 Act, including any report or statement on Form 3, Form 4 or Form 5, or to any amendment thereto, (ii) any report or notice required under Rule 144 of the 33 Act, including Form 144, or any amendment thereto, and (iii) any and all other documents or instruments that may be necessary or desirable in connection with or in furtherance of any of the foregoing, including Form ID, or any amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC of reports required pursuant to Section 16(a) of the 34 Act or any rule or regulation of the SEC, such power and authority to extend to any form or forms adopted by the SEC in lieu of or in addition to any of the foregoing and to include full power and authority to sign the undersigned's name in his or her individual capacity or otherwise, hereby ratifying and confirming all that said attorneys and agents, or any of them, shall do or cause to be done by virtue thereof.

This authorization shall supersede all prior authorizations to act for the undersigned with respect to securities of the Company in such matters, which prior authorizations are hereby revoked, and shall remain in effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys in fact.

IN WITNESS WHEREOF, I have hereunto set my hand this 3rd day of October, 2011.

/s/Paul J. Kern