

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

1. Name and Address of Reporting Person  
 Ayers, Robert L  
 ITT Fluid Technology  
 10 Mountainview Road  
 Upper Saddle River, NJ 07458
2. Date of Event Requiring Statement (Month/Day/Year)  
 10/01/99
3. IRS or Social Security Number of Reporting Person (Voluntary)
4. Issuer Name and Ticker or Trading Symbol  
 ITT Industries, Inc.  
 IIN
5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  
 Director  10% Owner  Officer (give title below)  Other  
 (specify below)  
 Vice President
6. If Amendment, Date of Original (Month/Day/Year)
7. Individual or Joint/Group Filing (Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

Table I -- Non-Derivative Securities Beneficially Owned

1. Title of Security	2. Amount of Securities Beneficially Owned	3. Ownership Form: Direct(D) or Indirect(I)	4. Nature of Indirect Beneficial Ownership
Common Stock (RS) (1)	15,000	D	
Common Stock (ISP) (2)	350	I	In Trust

Table II -- Derivative Securities Beneficially Owned

1. Title of Derivative Security	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Underlying Securities	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct(D) or Indirect(I)	6. Nature of Indirect Beneficial Ownership
Stock Option (Right to Buy) (3)	01/06/09	Common Stock	15,000	\$39.56	D

Explanation of Responses:

- (1) Restricted Stock awarded under the 1994 ITT Industries Incentive Stock Plan.
- (2) Shares held under the ITT Industries, Inc. Investment and Savings Plan reflecting holdings through 09/07/99.
- (3) Options acquired under Rule 16b-3 plan exercisable 1/3 each on 01/04/00, 01 and 02 or after NYSE closing price remains at least \$49.45 for 10 consecutive trading days, whichever occurs

first.  
 SIGNATURE OF REPORTING PERSON  
 ROBERT L. AYERS  
 DATE  
 10/01/99