

Kluth Barbara A.
Form 4
September 15, 2011

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
Kluth Barbara A.

2. Issuer Name and Ticker or Trading Symbol
TENNECO INC [TEN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
500 NORTH FIELD DRIVE

(Street)

3. Date of Earliest Transaction (Month/Day/Year)
09/13/2011

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Sr. VP Global Human Resources

LAKE FOREST, IL 60045

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| Common Stock | 09/13/2011 | | M ⁽¹⁾ | 1,200 A | \$ 16 6,249 | D | |
| Common Stock | 09/13/2011 | | S ⁽¹⁾ | 1,200 D | \$ 29 5,049 | D | |
| Common Stock | | | | | 6,950 ⁽²⁾ | D | |
| Common Stock | | | | | 1,639 ⁽³⁾ | I | by 401(k) |

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

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(9-02)

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 Underlying Securities (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Employee Stock Options (Right to Buy) | \$ 16 | 09/13/2011 | | M ⁽¹⁾ | 1,200 | ⁽⁴⁾ 01/16/2012 | Common Stock | 1,200 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Kluth Barbara A. 500 NORTH FIELD DRIVE LAKE FOREST, IL 60045 | | | Sr. VP Global Human Resources | |

Signatures

/s/James D. Harrington, Attorney-in-fact for Barbara A. Kluth 09/15/2011

__Signature of Reporting Person

Date

Explanation of Responses:

- * 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).
- (1) Reflects cashless exercise of stock options which were granted pursuant to Rule 16b-3. The transaction was effected pursuant to a plan adopted under Rule 10b5-1.
- (2) Reflects restricted stock granted to the Reporting Person pursuant to Rule 16b-3.
- (3) Reflects shares allocated to, and indirectly held by, the Reporting Person under the Issuer's 401(k) Plan.
- (4) All stock options were exercisable as of 01/17/2008.

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(5) Reflects stock options granted pursuant to Rule 16b-3.

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

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