

Wallace Peter C
 Form 4
 December 27, 2010

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 *
 Wallace Peter C

2. Issuer Name and Ticker or Trading Symbol
 ROGERS CORP [ROG]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

81 LOCHINVAR COURT

3. Date of Earliest Transaction (Month/Day/Year)
 12/23/2010

Director 10% Owner
 Officer (give title below) Other (specify below)

(Street)

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

BEAVERCREEK, OH 45385

(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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) | Code V Amount (D) Price | | |

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

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 control number.

SEC 1474 (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 | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) |
|--|------------------------------------|--------------------------------------|--|--------------------------------|-------------------------|--|---|--|
| | | | | | | | | |

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| Derivative Security | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | Code | V | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
|---------------------|---|------------|------------------|---|------------------|-----------------|------------------------|----------------------------|---------|
| | (A) | (D) | | | | | | | |
| Phantom Stock Units | \$ 0 ⁽¹⁾ | 12/23/2010 | A ⁽²⁾ | | | | Capital (Common) Stock | 21 | \$ 37.4 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Wallace Peter C 81 LOCHINVAR COURT BEAVERCREEK, OH 45385 | | | X | |

Signatures

Alice R. Tetreault as Power of Attorney 12/27/2010

__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) The Phantom Stock Units convert to common stock on a one-for-one basis.

The Phantom Stock Units are accrued under the Rogers Corporation Voluntary Deferred Compensation Plan For Non-Management Directors and will be settled in shares of Rogers Corporation Capital (Common) Stock issued under the Rogers Corporation Stock Acquisition Program and pursuant to the reporting person's deferral election (i.e., payments in substantially equal one-third amounts in January of 2019, 2020 and 2021).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.