

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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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

(Last) (First) (Middle)
 81 LOCHINVAR COURT
 (Street)
 BEAVERCREEK, OH 45385

(City) (State) (Zip)

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

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

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. 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 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.

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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⁾		⁽²⁾	⁽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).
- (2)

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.