FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| 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

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

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|--|---------|-------------------------|--|------------------------|---|-----------------------------|
| 1. Name and Addrese Dudich Geory | 1 0 | rson* | 2. Issuer Name and Ticker or Trading Symbol <u>Babcock & Wilcox Co</u> [BWC] — | | tionship of Reporting Per all applicable) Director Officer (give title | 10% Owner Other (specify |
| (Last) 13024 BALLAN SUITE 700 | (First) | (Middle) DRATE PLACE | 3. Date of Earliest Transaction (Month/Day/Year) 03/04/2013 | | below) President-' | below) TSG |
| (Street) CHARLOTTE NC 28277 (City) (State) (Zip) | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indiv Line) X | vidual or Joint/Group Filin Form filed by One Rep Form filed by More that Person | oorting 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. Transa Code (8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | 5. Amount of Securities Beneficially Owned Following Reported | 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 | Transaction(s) (Instr. 3 and 4) | | (1130.4) | |
| Common Stock | 03/04/2013 | | М | | 1,079 | A | \$ <mark>0</mark> | 12,913 | D | | |
| Common Stock | 03/04/2013 | | F | | 417 | D | \$26.8 | 12,496 | D | | |
| Common Stock | | | | | | | | 496 ⁽¹⁾ | Ι | 401k Plan | |

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

| (eigi, pate, calle, marane, optione, convertible coounties) | | | | | | | | | | | | | | | |
|---|---|--|---|------------------------------|---|--|-------|---------------------|--------------------|---|--|--|--|---|--|
| 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. Transa Code (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) | | te of Securities | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported | 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 | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |
| Restricted Stock Units | \$0 | 03/04/2013 | | М | | | 1,079 | (2) | 03/04/2014 | Common Stock | 1,079 | \$0 | 1,079 | D | |
| Restricted Stock Units | \$0 | 03/04/2013 | | A ⁽³⁾ | | 3,972 | | (4) | 03/04/2016 | Common Stock | 3,972 | \$0 | 3,972 | D | |
| Stock Options (right to buy) | \$26.8 | 03/04/2013 | | A ⁽⁵⁾ | | 18,588 | | (6) | 03/04/2020 | Common Stock | 18,588 | \$0 | 18,588 | D | |

Explanation of Responses:

1. Based on number of units held in the BWC Thrift Plan and the fair market value of BWC common stock as of March 4, 2013.

2. RSUs vest in three equal annual installments beginning March 4, 2012.

3. Grant of restricted stock units pursuant to the Amended and Restated 2010 Long-Term Incentive Plan of The Babcock & Wilcox Company. Each restricted stock unit represents a contingent right to receive one share of BWC common stock.

4. RSUs vest in three equal annual installments beginning March 4, 2014.

5. Grant of stock options pursuant to the Amended and Restated 2010 Long-Term Incentive Plan of The Babcock & Wilcox Company.

6. Stock options vest in three equal annual installments beginning March 4, 2014.

Remarks:

George Dudich, by Angela P. Winter, attorney-in-fact

03/06/2013

** 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.