DANCIAK SCOTT R

Form 4

February 12, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number: 3

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Expires: January 31, 2005

OMB APPROVAL

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

2. Issuer Name and Ticker or Trading

1(b).

Unit (4)

(Print or Type Responses)

1. Name and Address of Reporting Person *

DANCIAK SCOTT R Issuer Symbol RUDOLPH TECHNOLOGIES INC (Check all applicable) [RTEC] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner _X_ Other (specify Officer (give title (Month/Day/Year) below) below) C/O RUDOLPH TECHNOLOGIES. 02/10/2009 VP, Engineering Inspection BU INC., ONE RUDOLPH ROAD, PO BOX 1000 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting FLANDERS, NJ 07836 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 7. Nature 1. Title of Security of Indirect (Instr. 3) (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Ownership Code Disposed of (D) Beneficially Form: Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Direct (D) Ownership or Indirect **Following** (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) Code V Amount (D) Price Common Stock -Performance-based 4,000 02/10/2009 \$0 $4,152 \stackrel{(3)}{=}$ D A Restricted Stock Unit (1) Common Stock -4,000 Restricted Stock \$0 D 02/10/2009 A 10,400 (5)

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

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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	2.	3. Transaction Date		4.	5.	6. Date Exer			7. Title and Amount of	8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	ofNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	5		Under Secur	rlying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	7 (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

DANCIAK SCOTT R C/O RUDOLPH TECHNOLOGIES, INC. ONE RUDOLPH ROAD, PO BOX 1000 FLANDERS, NJ 07836

VP, Engineering Inspection BU

Signatures

/s/ Scott R. Danciak

02/12/2009

**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) Each Performance-based Restricted Stock Unit represents a contingent right to receive one (1) share of RTEC Common Stock.
- 20% of the shares of Common Stock subject to the Performance based Restricted Stock Unit vest each year on the grant date; contingent upon the reporting person's having satisfied certain performance criteria approved by the Compensation Committee of the registrant's Board of Directors, and contingent upon the reporting person's continued employment with the registrant. Generally, vested shares will be delivered to the reporting person as soon as practicable after vesting.
- (3) The amount of shares indicated in direct beneficial ownership include an adjustment to the shares granted on May 27th, 2008 to reflect 9.5% of the performance criteria being met.

Reporting Owners 2

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- (4) Each Restricted Stock Unit represents a contingent right to receive one (1) share of RTEC Common Stock.
- (5) 20% of the shares of Common Stock subject to the Restricted Stock Unit vest each year on the grant date. Generally, vested shares will be delivered to the reporting person as soon as practicable after vesting.

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.