

RUDOLPH TECHNOLOGIES INC
 Form 4
 May 08, 2006

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 *
 LITTLE NATHAN H

 (Last) (First) (Middle)
 C/O RUDOLPH TECHNOLOGIES, INC., ONE RUDOLPH ROAD, PO BOX 1000

 (Street)
 FLANDERS, NJ 07836

 (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 RUDOLPH TECHNOLOGIES INC [RTEC]

3. Date of Earliest Transaction (Month/Day/Year)
 05/04/2006

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)
 Executive Vice President & GM

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 Indirect Ownership (Instr. 4)
			Code	V	Amount	Price	
Common Stock ⁽¹⁾	05/04/2006		M		13,400	\$ 14.62	A 19,614 D
Common Stock ⁽¹⁾	05/04/2006		S		13,400	\$ 19	D 6,214 D
Common Stock ⁽¹⁾	05/04/2006		M		200	\$ 14.62	A 6,414 D
Common Stock ⁽¹⁾	05/04/2006		S		200	\$ 19.02	D 6,214 D
	05/04/2006		M		1,100		A 7,314 D

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Common Stock <u>(1)</u>					\$			
					14.62			
Common Stock <u>(1)</u>	05/04/2006		S	1,100	D	\$	6,214	D
					19.03			
Common Stock <u>(1)</u>	05/04/2006		M	100	A	\$	6,314	D
					14.62			
Common Stock <u>(1)</u>	05/04/2006		S	100	D	\$	6,214	D
					19.04			
Common Stock <u>(1)</u>	05/04/2006		M	100	A	\$	6,314	D
					14.62			
Common Stock <u>(1)</u>	05/04/2006		S	100	D	\$	6,214	D
					19.05			
Common Stock <u>(1)</u>	05/04/2006		M	100	A	\$	6,314	D
					14.62			
Common Stock <u>(1)</u>	05/04/2006		S	100	D	\$	6,214	D
					19.08			

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 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 Security (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Non-Qualified Stock Option (right to buy) <u>(1)</u>	\$ 14.62	05/04/2006		M	13,400	<u>(2)</u>	10/17/2012	Common Stock	13,400
Non-Qualified Stock Option (right to buy) <u>(1)</u>	\$ 14.62	05/04/2006		M	200	<u>(2)</u>	10/17/2012	Common Stock	200
	\$ 14.62	05/04/2006		M	1,100	<u>(2)</u>	10/17/2012		1,100

