#### AGILENT TECHNOLOGIES INC

Form 4

November 16, 2007

#### **OMB APPROVAL** FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response...

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * NORDLUND D CRAIG			2. Issuer Name <b>and</b> Ticker or Trading Symbol AGILENT TECHNOLOGIES INC [A]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last) (First) (Middle) 5301 STEVENS CREEK BLVD, MS 1A-LC		, ,	3. Date of Earliest Transaction (Month/Day/Year) 11/14/2007	Director 10% Owner Officer (give title below) below)  Sr VP, General Counsel & Sec.			
(Street) SANTA CLARA, CA 95051			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tab	le I - Non-I	Derivative	Secur	ities Acqu	iired, Disposed o	f, or Beneficia	ally Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)	,	
Common Stock	10/31/2007		J(1) V	366.67	A	\$ 28.98	39,101.09	D	
Common Stock	11/14/2007		A(2)	38,854	A	\$ 34.2	77,955.09	D	
Common Stock	11/14/2007		F	17,776	D	\$ 34.2	60,179.09	D	
Common Stock							38	I	By First Daughter
Common Stock							38	I	Custodian For Son

0.5

#### Edgar Filing: AGILENT TECHNOLOGIES INC - Form 4

Common Stock 38 I Custodian For Second Daughter

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)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

# 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. Transact Code (Instr. 8)	5. ionNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration D (Month/Day/ e	6. Date Exercisable and Expiration Date (Month/Day/Year)		le and ant of rlying ities . 3 and 4)	8. Price of Derivative Security (Instr. 5)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

### **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

NORDLUND D CRAIG 5301 STEVENS CREEK BLVD, MS 1A-LC SANTA CLARA, CA 95051

Sr VP, General Counsel & Sec.

## **Signatures**

/s/ Marie Oh Huber, attorney-in-fact for Mr.
Nordlund
11/16/2007

\*\*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) Shares acquired in an Employee Stock Purchase Plan under Section 423 of the Internal Revenue Code of 1986, as amended, in a transaction exempt under Rule 16b-3.
- (2) On November 14, 2007, 38,854 shares of common stock of Agilent Technologies, Inc. were awarded to the reporting person pursuant to the Agilent Technologies, Inc. Long-Tem Performance Program.

Reporting Owners 2

#### Edgar Filing: AGILENT TECHNOLOGIES INC - Form 4

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.