

3M CO

Form 4

March 14, 2005

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

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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 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 *
STAKE JAMES B

(Last) (First) (Middle)

(Street)

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
 Symbol
3M CO [MMM]

3. Date of Earliest Transaction
 (Month/Day/Year)
03/10/2005

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)

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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 Beneficial Ownership (Instr. 4)
Common Stock	03/10/2005		M	3,490	A \$ 28.6348	27,278	D
Common Stock	03/10/2005		F	1,161	D \$ 86.01	26,117	D
Common Stock	03/10/2005		M	848	A \$ 81.05	26,965	D
Common Stock	03/10/2005		F	799	D \$ 86.01	26,166	D
Common Stock	03/10/2005		F	15	D \$ 86.01	26,151	D

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Common Stock	416	I	Stake Family Trusts
Common Stock	1,597	I	by 401k/PAESOP Trust
Common Stock	152	I	by Spouse

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

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(9-02)

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 Underlying Security (Instr. 3 and 4)	Amount or Number of Shares
Incentive Stock Option (right to buy)	\$ 28.6348	03/10/2005		M	3,490	05/09/1996 05/09/2005	Common Stock	3,4
Non-Qualified Stock Option (right to buy)	\$ 81.05	03/10/2005		M	848	06/04/2004 05/06/2005	Common Stock	84

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
STAKE JAMES B			EXEC VP DISPLAY & GRAPHICS	

Signatures

By: George Ann Biros For: James B
Stake

03/10/2005

__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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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