3M CO Form 4 May 10, 2007

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 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

(First)

(Middle)

(Zip)

Execution Date, if

(Month/Day/Year)

2. Transaction Date 2A. Deemed

(Street)

(State)

(Month/Day/Year)

3M CENTER

(City)

1. Title of

Security

(Instr. 3)

(Last)

ST. PAUL, MN 55144-1000

2. Issuer Name and Ticker or Trading

Symbol

3M CO [MMM]

3. Date of Earliest Transaction

(Month/Day/Year) 05/08/2007

4. If Amendment, Date Original

Filed(Month/Day/Year)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

3. 4. Securities

Code (Instr. 8)

TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

Reported (A) Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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.

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

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amor Underlying Secur (Instr. 3 and 4)

1

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005 Estimated average

burden hours per

5. Relationship of Reporting Person(s) to

(Check all applicable)

EXEC VP ENTERPRISE SVCS

6. Ownership

Form: Direct

(D) or Indirect Beneficial

6. Individual or Joint/Group Filing(Check

X Form filed by One Reporting Person Form filed by More than One Reporting

(I)

(Instr. 4)

Issuer

below)

Person

5. Amount of

Securities

Owned

Beneficially

Following

Director

Applicable Line)

X_ Officer (give title

response... 0.5

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

SEC 1474

(9-02)

Indirect

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(Instr. 3) Price of Derivative

Security

(Month/Day/Year) (Instr. 8) Acquired (A)

or Disposed of

(D) (Instr. 3, 4, and 5)

(A)

Code V

(D) Date Expiration Exercisable

Date

Title

An

or Nu of S

27

Non-Qualified

Stock Option (right to buy) \$ 84.78 05/08/2007 A 27,264 05/08/2008 05/08/2017

Common Stock

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

STAKE JAMES B

3M CENTER

Stake

EXEC VP ENTERPRISE SVCS

ST. PAUL, MN 55144-1000

Signatures

By: GeorgeAnn Biros For: James B.

05/10/2007

**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).

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.

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