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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

obligations may continue. See Instruction

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).

(Print or Type Responses)

1. Name and Address of Reporting Person *

MacDonald Robert D III

(First) (Middle)

3M CENTER

(Last)

(City)

(Street)

05/08/2007

3. Date of Earliest Transaction

3M CO [MMM]

(Month/Day/Year)

4. If Amendment, Date Original

Symbol

Filed(Month/Day/Year)

3.

ST. PAUL, MN 55144-1000

(State) (Zip)

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

TransactionAcquired (A) or Code

(Instr. 8)

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

4. Securities

(A)

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 Securities Code

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,

Estimated average burden hours per

response...

Expires:

5. Relationship of Reporting Person(s) to

(Check all applicable)

VICE PRESIDENT MARKETING

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 Following

Reported

Transaction(s) (Instr. 3 and 4)

Beneficially

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

Director

Applicable Line)

X_ Officer (give title

0.5

2005

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

SEC 1474

(9-02)

Indirect

Edgar Filing: 3M CO - Form 4

(Instr. 3) Price of Derivative Security

(Month/Day/Year) (Instr. 8) Acquired (A) or Disposed of

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

Code V

(A)

(D) Date Expiration Exercisable Date

Title

Non-Qualified

(right to buy)

Stock Option \$ 84.78

05/08/2007

A 23,703 05/08/2008 05/08/2017

Common Stock

An

or Nu of S

23

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

MacDonald Robert D III

3M CENTER

VICE PRESIDENT MARKETING

ST. PAUL, MN 55144-1000

Signatures

By: GeorgeAnn Biros For: Robert D.

MacDdonald

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.

Reporting Owners 2