

MacDonald Robert D III  
 Form 4  
 August 02, 2007

**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 \*  
 MacDonald Robert D III

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 3M CENTER

3. Date of Earliest Transaction (Month/Day/Year)  
 08/01/2007

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 VICE PRESIDENT MARKETING

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

ST. PAUL, MN 55144-1000

(City) (State) (Zip)

**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)
				(A) or (D)	Price		
Common Stock	08/01/2007		M	2,142 A	\$ 46.675	24,159	D
Common Stock	08/01/2007		F	1,128 D	\$ 88.61	23,031	D
Common Stock	08/01/2007		M	7,066 A	\$ 61.9	30,097	D
Common Stock	08/01/2007		F	4,936 D	\$ 88.61	25,161	D
Common Stock	08/01/2007		F	696 D	\$ 88.61	24,465	D

Common Stock	2,122	I	by 401k/PAESOP Trust
Common Stock	9,614	I	by Spouse

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)

**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 Underlying Security (Instr. 3 and 4)
				Code V (A) (D)		Date Exercisable Expiration Date	Title
Incentive Stock Option (right to buy)	\$ 46.675	08/01/2007		M	2,142	05/12/1999 05/12/2008	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 61.9	08/01/2007		M	7,066	04/16/2003 05/12/2008	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 88.65	08/01/2007		A	5,632	02/01/2008 05/12/2008	Common Stock

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
MacDonald Robert D III 3M CENTER ST. PAUL, MN 55144-1000	VICE PRESIDENT MARKETING

## Signatures

By: GeorgeAnn Biros For: Robert D  
MacDonald

08/02/2007

\_\_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).

### Remarks:

The indirectly-held common stock holding (401k/PAESOP) reported in Table I includes shares acquired during the fiscal year

The directly-held common stock holding reported in Table I includes shares acquired during the fiscal year pursuant to 3M's G

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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