

MacDonald Robert D III
 Form 4
 November 19, 2010

FORM 4

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

OMB APPROVAL

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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

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

ST. PAUL, MN 55144-1000

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
 11/18/2010

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)
 VICE PRESIDENT MARKETING

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)
			Code	V	Amount or Price		
Common Stock	11/18/2010		S		200 D \$ 85.375	34,537	D
Common Stock	11/18/2010		S		100 D \$ 85.38	34,437	D
Common Stock	11/18/2010		S		500 D \$ 85.385	33,937	D
Common Stock	11/18/2010		S		100 D \$ 85.3875	33,837	D
Common Stock	11/18/2010		S		500 D \$ 85.39	33,337	D

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Common Stock	11/18/2010	S	1,300	D	\$ 85.395	32,037	D
Common Stock	11/18/2010	S	3,144	D	\$ 85.4	28,893	D
Common Stock	11/18/2010	S	100	D	\$ 85.4003	28,793	D
Common Stock	11/18/2010	S	100	D	\$ 85.4018	28,693	D
Common Stock	11/18/2010	S	5,300	D	\$ 85.405	23,393	D
Common Stock	11/18/2010	S	100	D	\$ 85.4075	23,293	D
Common Stock	11/18/2010	S	3,836	D	\$ 85.41	19,457	D
Common Stock	11/18/2010	S	100	D	\$ 85.4136	19,357	D
Common Stock	11/18/2010	S	700	D	\$ 85.415	18,657	D
Common Stock	11/18/2010	S	1,920	D	\$ 85.42	16,737	D
Common Stock	11/18/2010	S	1,000	D	\$ 85.425	15,737	D
Common Stock	11/18/2010	S	500	D	\$ 85.43	15,237	D
Common Stock	11/18/2010	S	500	D	\$ 85.435	14,737	D

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,	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
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4, and 5)

Code	V	(A)	(D)	Date	Expiration	Title	Amount
				Exercisable	Date		Number

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

George Ann Biros, attorney-in-fact for Robert D. MacDonald III	11/19/2010
**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.