

MacDonald Robert D III
 Form 4
 November 09, 2010

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
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/08/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 VICE PRESIDENT MARKETING

ST. PAUL, MN 55144-1000

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

(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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	11/08/2010		M	1,704	A \$ 58.625	35,609	D
Common Stock	11/08/2010		F	1,163	D \$ 85.86	34,446	D
Common Stock	11/08/2010		M	8,102	A \$ 80.5	42,548	D
Common Stock	11/08/2010		F	7,596	D \$ 85.86	34,952	D
Common Stock	11/08/2010		F	215	D \$ 85.86	34,737	D

Common Stock 2,619 ⁽¹⁾ I By 401k/paesop Trust

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

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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 of Underlying Security (Instr. 3 and 4)	Amount or Number of Shares
Incentive Stock Option (Right to Buy)	\$ 58.625	11/08/2010		M	1,704	05/08/2002 05/08/2011	Common Stock	1,704
Non-qualified Stock Option (Right to Buy)	\$ 80.5	11/08/2010		M	8,102	12/17/2005 05/06/2011	Common Stock	8,102

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

11/09/2010

**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).

(1) Includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment Plan.

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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