Lalor Angela S Form 4 February 10, 2011

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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OMB APPROVAL

Check this box if no longer subject to Section 16. Form 4 or

Form 5 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

1(b).

(Last)

3M CENTER

(City)

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person * Lalor Angela S

(Zip)

(Middle)

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

3M CO [MMM]

3. Date of Earliest Transaction

(Month/Day/Year) 02/08/2011

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify

VICE PRESIDENT HR

6. Individual or Joint/Group Filing(Check

Applicable Line)

X 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

ST. PAUL, MN 55144-1000

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

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

Transaction(s)

6. Ownership Form: Direct (D) or Indirect Beneficial (I) (Instr. 4)

Ownership (Instr. 4)

Indirect

7. Nature of

(Instr. 3 and 4) Code V Amount (D) Price

(A)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)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 Amou Underlying Securi (Instr. 3 and 4)

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) Derivative or Disposed of Security (D) (Instr. 3, 4, and 5) Code V (A) (D) Date Expiration Title Am Exercisable Date or Nur of S Non-qualified **Stock Option** Common \$89.47 35,762 02/08/2012 02/08/2021 02/08/2011 A 35. Stock (Right to Buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Lalor Angela S 3M CENTER

(1)

VICE PRESIDENT HR

ST. PAUL, MN 55144-1000

Signatures

George Ann Biros, attorney-in-fact for Angela
Lalor

02/10/2011

**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) This option becomes exercisable in equal installments on each of the first three anniversaries of the grant date (2/8/2011).

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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