Lalor Angela S Form 4 February 11, 2010

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

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

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

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

Section 16.

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

(Print or Type Responses)

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

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

3M CO [MMM]

3. Date of Earliest Transaction

(Month/Day/Year)

02/09/2010

(Check all applicable) Director 10% Owner

X_ Officer (give title Other (specify below)

VICE PRESIDENT HR

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

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

ST. PAUL, MN 55144-1000

(City) (State) (Zip)

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

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

Execution Date, if (Month/Day/Year)

(Middle)

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

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

Reported Transaction(s) (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 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amou Derivative Conversion (Month/Day/Year) Execution Date, if Transaction Derivative **Expiration Date** Underlying Securi Security or Exercise any Code Securities (Month/Day/Year) (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed (D) (Instr. 3, 4, and 5)				
				Code V	(A) (I	D) Date Exercisable	Expiration Date	Title	Amo or Nun of S
Restricted Stock Units	(1)	02/09/2010		A	7,622	(2)	(2)	Common Stock	7,0
Non-qualified Stock Option (Right to Buy)	\$ 78.72	02/09/2010		A	42,188 (3)	02/09/2011	02/07/2020	Common Stock	42,

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Lalor Angela S 3M CENTER

VICE PRESIDENT HR

ST. PAUL, MN 55144-1000

Signatures

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

02/11/2010

**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) Each restricted stock unit represents a contingent right to receive one share of 3M common stock.
- (2) The restricted stock units will vest in equal installments on each of the first three anniversaries of the grant date (2/9/2010).
- (3) This option becomes exercisable in equal installments on each of the first three anniversaries of the grant date (2/9/2010).

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