Lalor Angela S Form 4 February 10, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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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).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Lalor Angela S			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)	3. Date of Earliest Transaction	(Check an approache)			
			(Month/Day/Year)	Director 10% Owner			
3M CENTER			02/08/2010	X Officer (give title Other (specify below) VICE PRESIDENT HR			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
ST. PAUL, MN 55144-1000			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	02/08/2010		M	2,014	A	\$ 64.5	9,287	D	
Common Stock	02/08/2010		F	1,675	D	\$ 77.53	7,612	D	
Common Stock	02/08/2010		F	131	D	\$ 77.53	7,481	D	
Common Stock	02/08/2010		M	3,630			11,111	D	
Common Stock	02/08/2010		F	2,895	D	\$ 77.53	8,216	D	

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D \$ 77.53 7,941 (1) Common 02/08/2010 F D Stock

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. Transactic Code (Instr. 8)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ar Underlying Se (Instr. 3 and 4)	(
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title I	
Non-qualified Stock Option (Right to Buy)	\$ 64.5	02/08/2010		M	` '		05/15/2003	05/14/2012	Common Stock	
Non-qualified Stock Option (Right to Buy)	\$ 61.85	02/08/2010		M		3,630	05/14/2004	05/12/2013	Common Stock	
Non-qualified Stock Option (Right to Buy)	\$ 77.53	02/08/2010		A	1,806		08/08/2010	05/14/2012	Common Stock	
Non-qualified Stock Option (Right to Buy)	\$ 77.53	02/08/2010		A	3,170		08/08/2010	05/13/2013	Common Stock	

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Lalor Angela S 3M CENTER

VICE PRESIDENT HR

ST. PAUL, MN 55144-1000

2 Reporting Owners

Date

Signatures

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

02/10/2010

**Signature of Reporting Person

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 under 3M's General Employee Stock Purchase Plan.

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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