Lalor Angela S Form 5 January 12, 2012

FORM 5

OMB APPROVAL

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

OMB 3235-0362 Number:

no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box if

January 31, Expires: 2005 Estimated average

1.0

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

burden hours per response...

See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940

Form 4

Transactions Reported

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Lalor Angela S Symbol 3M CO [MMM] (Check all applicable) (Last) (First) (Middle) 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) Director 10% Owner _X__ Officer (give title Other (specify 12/31/2011 below) below) 3M CENTER VICE PRESIDENT HR (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year)

ST. PAUL, MNÂ 55144-1000

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

(check applicable line)

(City)	(State)	(Zip) Tab	ole I - Non-De	rivative So	ecuriti	ies Acq	uired, Disposed	l of, or Benefi	cially 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. Securi Acquired Disposed (Instr. 3,	(A) of (C) 4 and (A) or))	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	Â	Â	Â	Â	Â	Â	7,823 (1)	D	Â
Common Stock	Â	Â	Â	Â	Â	Â	1,921 (2)	I	By 401k/paesop Trust
Common Stock	Â	Â	Â	Â	Â	Â	2,333.58 (3)	I	By Corporation

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

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SEC 2270 (9-02)

> of D

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	3. Transaction Date (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative	6. Date Exerc Expiration Day/ (Month/Day/	ate	7. Title Amount Underly Securities	t of ying	8. Price of Derivative Security (Instr. 5)	
	Derivative Security			Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			(Instr. 3	3 and 4)		
				(A) (D)	Date Exercisable	Expiration Date	Title N	Number		

Reporting Owners

Reporting Owner Name / Address	Kelationships							
	Director	10% Owner	Officer	Other				
Lalor Angela S 3M CENTER ST. PAUL, MN 55144-1000	Â	Â	VICE PRESIDENT HR	Â				

Signatures

George Ann Biros, attorney-in-fact for Angela
Lalor
01/12/2012

**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 pursuant to 3M's Dividend Reinvestment Plan.
- (2) Includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment Plan.
- (3) Includes dividend share equivalents, accrued quarterly, pursuant to 3M's Performance Awards Deferred Compensation Plan.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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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