3M CO Form 5 January 22, 2008

FORM 5

OMB APPROVAL

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

OMB 3235-0362 Number: January 31,

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

Check this box if

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ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 A PALENSKY	*	rting Person *	2. Issuer Name and Ticker or Trading Symbol 3M CO [MMM]	5. Relationship of Reporting Person(s) to Issuer				
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2007	(Check all applicable) Director 10% OwnerX_ Officer (give title Other (specify below)				
3M CENTER				EXEC VP R&D & CHF TECH OFF				
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Reporting (check applicable line)				
ST. PAUL,Â	À MNÂ 5514	14-1000		_X_ 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. Securit Acquired Disposed (Instr. 3,	(A) o of (D)	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	44,780	D	Â
Common Stock	Â	Â	Â	Â	Â	Â	3,651	I	by 401k/PAESOP

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 2270 (9-02)

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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)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerc Expiration D (Month/Day/	ate	7. Titl Amou Under Secur (Instr.	int of rlying	8. Price of Derivative Security (Instr. 5)
				(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

D So

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
PALENSKY FRED J 3M CENTER ST. PAUL, MN 55144-1000	Â	Â	EXEC VP R&D & CHF TECH OFF	Â				

Signatures

By: GeorgeAnn Biros For: Frederick Joseph
Palensky
01/22/2008

**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).

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Remarks:

The indirectly-held common stock holding (401k/PAESOP) reported in Table I includes shares acquired pursuant to 3M Voluntary Investment 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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