3M CO Form 4 May 11, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

3235-0287

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OMB APPROVAL

Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations may continue.

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * PALENSKY FRED J

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

3M CO [MMM] (Middle)

(Check all applicable)

3M CENTER

(Last)

3. Date of Earliest Transaction (Month/Day/Year)

05/09/2006

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

EXEC VP ENTERPRISE SVCS

7. Nature of Indirect Beneficial Ownership (Instr. 4)

below)

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

ST. PAUL, MN 55144-1000

(City)	(State)	(Zip) Ta	ble I - Non	-Derivati	ve Sec	urities Acc	quired, Disposed	of, or Benefi	icially 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. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Benef Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Common Stock	05/09/2006		M	2,552	A	\$ 76.45	35,063	D	
Common Stock	05/09/2006		F	2,234	D	\$ 87.31	32,829	D	
Common Stock	05/09/2006		F	103	D	\$ 87.31	32,726	D	
Common Stock	05/09/2006		M	2,255	A	\$ 76.45	34,981	D	
Common Stock	05/09/2006		F	1,974	D	\$ 87.31	33,007	D	

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Common Stock	05/09/2006	F	91	D	\$ 87.31	32,916	D	
Common Stock	05/09/2006	M	6,856	A	\$ 63.525	39,772	D	
Common Stock	05/09/2006	F	4,988	D	\$ 87.31	34,784	D	
Common Stock	05/09/2006	F	664	D	\$ 87.31	34,120	D	
Common Stock						3,393	I	by 401k/PAESOP Trust

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

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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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of tiorDerivative Securities) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying S (Instr. 3 and 4
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 63.525	05/09/2006		M		6,856	07/07/2003	05/11/2007	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 76.45	05/09/2006		M		2,552	11/17/2005	05/12/2006	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 76.45	05/09/2006		M		2,255	11/17/2005	05/12/2006	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 87.35	05/09/2006		A	52,000		05/09/2007	05/09/2016	Common Stock

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Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

PALENSKY FRED J 3M CENTER

EXEC VP ENTERPRISE SVCS

ST. PAUL, MN 55144-1000

Signatures

By: George Ann Biros For: Frederick Joseph
Palensky
05/10/2006

**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).

Remarks:

The indirectly-held common stock holding (401k/PAESOP) reported in Table I includes shares acquired during the fiscal year. The directly-held common stock holding reported in Table I includes shares acquired during the fiscal year pursuant to 3M's Common stock holding reported in Table I includes shares acquired during the fiscal year pursuant to 3M's Common stock holding reported in Table I includes shares acquired during the fiscal year.

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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