3M CO Form 4 May 18, 2005

FORM 4

Check this box

if no longer

subject to

Section 16.

Form 4 or

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

January 31, Expires: 2005 Estimated average burden hours per 0.5

OMB APPROVAL

3235-0287

OMB

Number:

response...

Form 5 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

1(b).

(Print or Type Responses)

See Instruction

1. Name and A PALENSKY	•	orting Person *	Issuer Name and Ticker or Trading Symbol M CO [MMM]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	Director 10% Owner			
3M CENTE	1 CENTER		05/17/2005	_X_ Officer (give title Other (specify below) EXEC VP ENTERPRISE SVCS			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporti				
ST. PAUL, MN 55144-1000				Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Ta	ble I - Non	uired, Disposed	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. 4. Securities Acquired (A) Transactionor Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Common Stock	05/17/2005		M	2,826	A	\$ 63.525	30,554	D	
Common Stock	05/17/2005		F	2,348	D	\$ 76.45	28,206	D	
Common Stock	05/17/2005		F	204	D	\$ 76.45	28,002	D	
Common Stock	05/17/2005		M	2,512	A	\$ 62.85	30,514	D	
Common Stock	05/17/2005		F	2,065	D	\$ 76.45	28,449	D	

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Common Stock	05/17/2005	F	190	D	\$ 76.45	28,259	D	
Common Stock	05/17/2005	M	29,621	A	\$ 58.625	57,880	D	
Common Stock	05/17/2005	F	22,714	D	\$ 76.45	35,166	D	
Common Stock	05/17/2005	F	2,949	D	\$ 76.45	32,217	D	
Common Stock						3,217	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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SEC 1474 (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. 5. Number of TransactionDerivative Code Securities Acquired (Instr. 8) (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Underlying (Instr. 3 and	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 58.625	05/17/2005		M		29,621	05/08/2002	05/08/2011	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 62.85	05/17/2005		M		2,512	10/26/2002	05/12/2006	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 63.525	05/17/2005		M		2,826	07/07/2003	01/07/2013	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 76.45	05/17/2005		A	2,552		11/17/2005	05/12/2006	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 76.45	05/17/2005		A	2,255		11/17/2005	05/12/2006	Common Stock

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Non-Qualified

Stock Option \$ 76.45 05/17/2005 A 25,663 11/17/2005 05/06/2011 (right to buy)

Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

PALENSKY FRED J 3M CENTER ST. PAUL, MN 55144-1000

EXEC VP ENTERPRISE SVCS

Signatures

By: George Ann Biros For: Frederick Joseph Palensky 05/17/2005

**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).

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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