

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

1. Name and Address of Reporting Person * <u>PALENSKY FRED J</u>  (Last) (First) (Middle) 3M CENTER  (Street) ST. PAUL MN 55144-1000  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>3M CO [ MMM ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) X VICE PRESIDENT R&D
	3. Date of Earliest Transaction (Month/Day/Year) 05/14/2007	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			
Common Stock	05/14/2007		M		6,958	A	\$63.525	44,211	D	
Common Stock	05/14/2007		F		5,210	D	\$84.83	39,001	D	
Common Stock	05/14/2007		F		663	D	\$84.83	38,338	D	
Common Stock	05/14/2007		M		26,517	A	\$64.5	64,855	D	
Common Stock	05/14/2007		F		20,162	D	\$84.83	44,693	D	
Common Stock	05/14/2007		F		2,713	D	\$84.83	41,980	D	
Common Stock	05/14/2007		M		822	A	\$63.525	42,802	D	
Common Stock	05/14/2007		F		615	D	\$84.83	42,187	D	
Common Stock	05/14/2007		F		88	D	\$84.83	42,099	D	
Common Stock	05/14/2007		M		6,540	A	\$63.525	48,639	D	
Common Stock	05/14/2007		F		4,897	D	\$84.83	43,742	D	
Common Stock	05/14/2007		F		701	D	\$84.83	43,041	D	
Common Stock	05/14/2007		M		8,225	A	\$61.85	51,266	D	
Common Stock	05/14/2007		F		5,996	D	\$84.83	45,270	D	
Common Stock	05/14/2007		F		951	D	\$84.83	44,319	D	
Common Stock								3,574	I	by 401k/PAESOP Trust

**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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Non-Qualified Stock Option (right to buy)	\$61.85	05/14/2007		M			8,225	05/14/2004	05/12/2013	Common Stock	8,225	\$0	31,775	D	
Non-Qualified Stock Option (right to buy)	\$63.525	05/14/2007		M			6,958	07/07/2003	05/12/2008	Common Stock	6,958	\$0	0	D	
Non-Qualified Stock Option (right to buy)	\$63.525	05/14/2007		M			822	07/07/2003	05/11/2009	Common Stock	822	\$0	0	D	
Non-Qualified Stock Option (right to buy)	\$63.525	05/14/2007		M			6,540	07/07/2003	05/07/2010	Common Stock	6,540	\$0	0	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 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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-Qualified Stock Option (right to buy)	\$64.5	05/14/2007		M			26,517	05/15/2003	05/14/2012	Common Stock	26,517	\$0	0	D	
Non-Qualified Stock Option (right to buy)	\$84.83	05/14/2007		A		5,873		11/14/2007	05/12/2008	Common Stock	5,873	\$0	5,873	D	
Non-Qualified Stock Option (right to buy)	\$84.83	05/14/2007		A		703		11/14/2007	05/11/2009	Common Stock	703	\$0	703	D	
Non-Qualified Stock Option (right to buy)	\$84.83	05/14/2007		A		5,598		11/14/2007	05/07/2010	Common Stock	5,598	\$0	5,598	D	
Non-Qualified Stock Option (right to buy)	\$84.83	05/14/2007		A		22,875		11/14/2007	05/14/2012	Common Stock	22,875	\$0	22,875	D	
Non-Qualified Stock Option (right to buy)	\$84.83	05/14/2007		A		6,947		11/14/2007	05/13/2013	Common Stock	6,947	\$0	6,947	D	

**Explanation of Responses:**

**Remarks:**

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

By: GeorgeAnn Biros For: 05/16/2007  
Frederick Joseph Palensky

\*\* Signature of Reporting Person Date

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

\* 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.

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