

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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

1. Name and Address of Reporting Person * <u>GRENZ M KAY</u> (Last) (First) (Middle) (Street) (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) VICE PRESIDENT HR
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/16/2005</u>	
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	02/16/2005		M		3,316	A	\$64.875	55,268	D	
Common Stock	02/16/2005		M		601	A	\$84	55,869	D	
Common Stock	02/16/2005		M		12,739	A	\$61.85	68,608	D	
Common Stock	02/16/2005		F		9,143	D	\$86.175	59,465	D	
Common Stock	02/16/2005		F		1,175	D	\$86.175	58,290	D	
Common Stock	02/16/2005		M		23,122	A	\$61.85	81,412	D	
Common Stock	02/16/2005		F		16,595	D	\$86.175	64,817	D	
Common Stock	02/16/2005		F		2,786	D	\$86.175	62,031	D	
Common Stock	02/16/2005		M		8,942	A	\$63.225	70,973	D	
Common Stock	02/16/2005		F		6,560	D	\$86.175	64,413	D	
Common Stock	02/16/2005		F		1,016	D	\$86.175	63,397	D	
Common Stock	02/16/2005		M		6,876	A	\$63.225	70,273	D	
Common Stock	02/16/2005		F		5,044	D	\$86.175	65,229	D	
Common Stock	02/16/2005		F		781	D	\$86.175	64,448	D	
Common Stock	02/16/2005		M		7,330	A	\$63.225	71,778	D	
Common Stock	02/16/2005		F		5,377	D	\$86.175	66,401	D	
Common Stock	02/16/2005		F		833	D	\$86.175	65,568	D	
Common Stock	02/16/2005		M		10,796	A	\$64.5	76,364	D	
Common Stock	02/16/2005		F		8,080	D	\$86.175	68,284	D	
Common Stock	02/16/2005		F		1,159	D	\$86.175	67,125	D	
Common Stock	02/16/2005		S		3,316	D	\$85.91	63,809	D	
Common Stock	02/16/2005		S		601	D	\$85.91	63,208	D	
Common Stock								3,857	I	by 401k/PAESOP Trust
Common Stock								462	I	by Daughter

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					

**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)	\$61.85	02/16/2005		M			12,739	05/14/2004	05/12/2013	Common Stock	12,739	\$0	23,122	D	
Non-Qualified Stock Option (right to buy)	\$61.85	02/16/2005		M			23,122	05/14/2004	05/12/2013	Common Stock	23,122	\$0	0	D	
Non-Qualified Stock Option (right to buy)	\$63.225	02/16/2005		M			6,876	12/11/2002	05/11/2007	Common Stock	6,876	\$0	0	D	
Non-Qualified Stock Option (right to buy)	\$63.225	02/16/2005		M			8,942	12/11/2002	05/12/2008	Common Stock	8,942	\$0	0	D	
Non-Qualified Stock Option (right to buy)	\$63.225	02/16/2005		M			7,330	12/11/2002	05/07/2010	Common Stock	7,330	\$0	0	D	
Non-Qualified Stock Option (right to buy)	\$64.5	02/16/2005		M			10,796	05/15/2003	05/14/2012	Common Stock	10,796	\$0	33,204	D	
Non-Qualified Stock Option (right to buy)	\$64.875	02/16/2005		M			3,316	12/17/2003	05/06/2005	Common Stock	3,316	\$0	0	D	
Non-Qualified Stock Option (right to buy)	\$84	02/16/2005		M			601	11/14/2004	05/06/2005	Common Stock	601	\$0	0	D	
Non-Qualified Stock Option (right to buy)	\$86.2	02/16/2005		A			5,825	08/16/2005	05/11/2007	Common Stock	5,825	\$0	5,825	D	
Non-Qualified Stock Option (right to buy)	\$86.2	02/16/2005		A			7,576	08/16/2005	05/12/2008	Common Stock	7,576	\$0	7,576	D	
Non-Qualified Stock Option (right to buy)	\$86.2	02/16/2005		A			6,210	08/16/2005	05/07/2010	Common Stock	6,210	\$0	6,210	D	
Non-Qualified Stock Option (right to buy)	\$86.2	02/16/2005		A			9,239	08/16/2005	05/14/2012	Common Stock	9,239	\$0	9,239	D	
Non-Qualified Stock Option (right to buy)	\$86.2	02/16/2005		A			10,318	08/16/2005	05/13/2013	Common Stock	10,318	\$0	10,318	D	
Non-Qualified Stock Option (right to buy)	\$86.2	02/16/2005		A			19,381	08/16/2005	05/13/2013	Common Stock	19,381	\$0	29,699	D	

Explanation of Responses:

By: George Ann Biros For: M Kay Grenz 02/16/2005

** 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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