

3M CO

Form 4

February 18, 2005

FORM 4
UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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 OF
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
GRENZ M KAY

(Last) (First) (Middle)

(Street)

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
3M CO [MMM]

3. Date of Earliest Transaction
(Month/Day/Year)
02/16/2005

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
__X__ Officer (give title below) ____ Other (specify below)

VICE PRESIDENT HR

6. Individual or Joint/Group Filing(Check
Applicable Line)
__X__ Form filed by One Reporting Person
____ Form filed by More than One Reporting
Person

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	

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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

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

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(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. 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 Underlying (Instr. 3 and		
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 61.85	02/16/2005		M			12,739	05/14/2004	05/12/2013	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 61.85	02/16/2005		M			23,122	05/14/2004	05/12/2013	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 63.225	02/16/2005		M			6,876	12/11/2002	05/11/2007	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 63.225	02/16/2005		M			8,942	12/11/2002	05/12/2008	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 63.225	02/16/2005		M			7,330	12/11/2002	05/07/2010	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 64.5	02/16/2005		M			10,796	05/15/2003	05/14/2012	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 64.875	02/16/2005		M			3,316	12/17/2003	05/06/2005	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 84	02/16/2005		M			601	11/14/2004	05/06/2005	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 86.2	02/16/2005		A		5,825		08/16/2005	05/11/2007	Common Stock
Non-Qualified Stock Option	\$ 86.2	02/16/2005		A		7,576		08/16/2005	05/12/2008	Common Stock

(right to buy)

Non-Qualified Stock Option (right to buy)	\$ 86.2	02/16/2005	A	6,210	08/16/2005	05/07/2010	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 86.2	02/16/2005	A	9,239	08/16/2005	05/14/2012	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 86.2	02/16/2005	A	10,318	08/16/2005	05/13/2013	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 86.2	02/16/2005	A	19,381	08/16/2005	05/13/2013	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GRENZ M KAY			VICE PRESIDENT HR	

Signatures

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

____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.

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