3M CO Form 5 January 28, 2005

FORM 5

OMB APPROVAL

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

OMB Number: 3235-0362

no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box if

Expires: January 31, 2005

1.0

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response...

5. Relationship of Reporting Person(s) to

See Instruction
1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
Reported

Symbol

Form 4 Transactions

ALVARADO LINDA G

1. Name and Address of Reporting Person *

securities beneficially owned directly or indirectly.

30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

Reported

			3M CO [MMM] 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2004				(Chaola all amalicable)					
(Last)	, ,	(Middle)					led	(Check all applicable) _X_ Director 10% Owner Officer (give title Other (specify below) below)				
1266 SAN1	'A FE DRIVE							ociow)	ociow)			
				mendment, Date Original				6. Individual or Joint/Group Reporting				
Filed(Mon				nth/Day/Year)				(check applicable line)				
DENVER,Â	A COÂ 80204							X E E 11				
							X Form Filed by One Reporting Person Form Filed by More than One Reporting Person					
(City)	(State)	(Zip)	Tabl	e I - Non-Deri	ivative Se	curitio	es Acqı	iired, Disposed	of, or Benefic	ially Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Date, if	3. Transaction Code (Instr. 8)	4. Securit Acquired Disposed (Instr. 3, 4)	(A) of (D)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common Stock	Â	Â		Â	Â	Â	Â	4,899 (1)	D	Â		
Common Stock	Â	Â		Â	Â	Â	Â	3,986 (2)	I	by Corporation		
Reminder: Report on a separate line for each class of			Persons who respond to the collection of information SEC					SEC 2270				

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

contained in this form are not required to respond unless

the form displays a currently valid OMB control number.

(9-02)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	Number	Expiration D	ate	Amou	int of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)
	Derivative				Securities			(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration	Title	or Number	
						Exercisable Date	Date		of	
					(A) (D)					
					(A) (D)				Shares	

of D

Is Fi

Reporting Owners

Reporting Owner Name / Address	Relationships						
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other			
ALVARADO LINDA G 1266 SANTA FE DRIVE DENVER, CO 80204	ÂX	Â	Â	Â			

Signatures

/s/ George Ann Biros For: Linda G Alvarado 01/28/2005

**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).
- (1) The directly-held common stock holding reported in Table I includes shares acquired pursuant to 3M's Dividend Reinvestment Program in transactions exempt from Section 16.
- (2) The indirectly-held common stock holding (by Corporation) reported on Table I includes deferred dividend reinvestment shares acquired pursuant to 3M's Director Compensation Plan.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

Reporting Owners 2