3M CO Form 5 January 24, 2007

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

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...

may continue. *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

Reported Form 4

30(h) of the Investment Company Act of 1940

Transactions Reported

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person PETERS AULANA L Symbol Issuer	son(s) to	
(Check all applicable) (Last) (First) (Middle) 3. Statement for Issuer's Fiscal Year Ended	;)	
(Month/Day/Year) X Director 10%	Owner	
12/31/2006 Officer (give title Othe	er (specify	
333 SOUTH GRAND AVENUE below) below)	below)	
(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reports (Street) Filed(Month/Day/Year)	orting	
(check applicable line))	

LOS ANGELES, CAÂ 90071

X Form Filed by One Reporting Person ___ Form Filed by More than One Reporting Person

(City)	(State)	(Zip) Tab	le I - Non-Der	ivative Se	curiti	es Acqı	uired, Disposed	of, or Benefic	ially 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. Securi Acquired Disposed (Instr. 3,	l (A) o l 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	2,345	D	Â
Common Stock	Â	Â	Â	Â	Â	Â	34,287	I	by Corporation

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 2270 (9-02)

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1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)		4. Transaction Code	5. Number of	6. Date Exerc Expiration Do (Month/Day/	ate	7. Title Amou Under	nt of	8. Price of Derivative Security	
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	e	. va.,	Securi	, ,	(Instr. 5)	
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

of D

 $\mathbf{F}_{\mathbf{i}}$

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
PETERS AULANA L 333 SOUTH GRAND AVENUE LOS ANGELES, CA 90071	ÂΧ	Â	Â	Â				

Signatures

By: George Ann Biros For: Aulana L Peters

01/24/2007

Date

**Signature of Reporting Person

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).

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Remarks:

The indirectly-held common stock holding (by Corporation) reported in Table I includes deferred divic 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.

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