3M CO Form 5 January 29, 2007

## FORM 5

#### **OMB APPROVAL**

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

**OMB** 3235-0362 Number: January 31,

no longer subject to Section 16. Form 4 or Form

Check this box if

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL

2005 Estimated average burden hours per response... 1.0

Expires:

5 obligations 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

OWNERSHIP OF SECURITIES

Reported Form 4

30(h) of the Investment Company Act of 1940

Transactions Reported

1. Name and Adda STAKE JAME	*	ing Person *	2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3M CO [MMM] 3. Statement for Issuer's Fiscal Year Ended	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
			12/31/2006	X Officer (give title Other (specify			
3M CENTER				below) below) EXEC VP ENTERPRISE SVCS			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Reporting			
			Filed(Month/Day/Year)				
				(check applicable line)			

## ST. PAUL, MNÂ 55144-1000

\_X\_ Form Filed by One Reporting Person Form Filed by More than One Reporting Person

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							eficially 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. Securit Acquired Disposed (Instr. 3,	(A) of (D) 4 and (A) or	)) 5)	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	Amount Â	(D) Â	Price Â	22,690	D	Â
Common Stock	Â	Â	Â	Â	Â	Â	416	I	Stake Family Trusts
Common Stock	Â	Â	Â	Â	Â	Â	1,807	I	by 401k/PAESOP
Common Stock	Â	Â	Â	Â	Â	Â	152	I	by Spouse

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

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SEC 2270 (9-02)

D

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

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

# **Reporting Owners**

Reporting Owner Name / Address	Relationships							
. 0	Director	10% Owner	Officer	Other				
STAKE JAMES B 3M CENTER	Â	Â	EXEC VP ENTERPRISE	Â				
ST. PAUL, MN 55144-1000			SVCS					

## **Signatures**

By: George Ann Biros For: James B. 01/29/2007

\*\*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).

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### **Remarks:**

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