3M CO Form 4 November 15, 2006

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

OMB APPROVAL

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if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * STAKE JAMES B				2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
	(Lost)	(Finat)	(Middle)	3M CO [MMM]	(Check all applicable)			
	(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
3M	3M CENTER			(Month/Day/Year) 11/14/2006	Director 10% Owner X Officer (give title Other (specibelow) below) EXEC VP ENTERPRISE SVCS			
		(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
ST. PAUL, MN 55144-1000				Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
51	. I AUL, WII	33144-1000	U		Person			
	(City)	(State)	(Zip)	Table I - Non-Derivative Securities Aco	uired. Disposed of, or Beneficially Owner			

(City)	(State)	(Zip) 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. Transactic Code (Instr. 8)	oror Dispos	ities Acquired (A) ssed of (D) , 4 and 5) (A) or (C) Price	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)			
Common Stock	11/14/2006		S	2,584	D	\$ 79.6094	22,690	D			
Common Stock							416	I	Stake Family Trusts		
Common Stock							1,791	I	by 401k/PAESOP Trust		
Common Stock							152	I	by Spouse		

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

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SEC 1474 (9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amou	nt of	Derivative]
Security or Exercis			any	Code	of	(Month/Day/Year)		Underlying	Security	5	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative			Securities		(Instr. 5)]
Derivative					Securities		(Instr. 3 and 4)			(
	Security				Acquired]
	·				(A) or						J
					Disposed						7
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
							Date		Number		
							Duic		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

STAKE JAMES B 3M CENTER

EXEC VP ENTERPRISE SVCS

ST. PAUL, MN 55144-1000

Signatures

By: GeorgeAnn Biros For: James B

Stake 11/14/2006

**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).

Remarks:

The indirectly-held common stock holding (401k/PAESOP) reported in Table I includes shares acquired during the fiscal year. The directly-held common stock holding reported in Table I includes shares acquired during the fiscal year pursuant to 3M's Common stock holding reported in Table I includes shares acquired during the fiscal year pursuant to 3M's Common stock holding reported in Table I includes shares acquired during the fiscal year.

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