THULIN INGE G Form 5 January 28, 2011

OMB APPROVAL FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION Number: Washington, D.C. 20549 Check this box if Expires:

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

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940

Form 4 Transactions Reported

1. Name and THULIN II	Address of Reporting NGE G	Symbol	 2. Issuer Name and Ticker or Trading Symbol 3M CO [MMM] 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2010 			5. Relationship of Reporting Person(s) to Issuer				
(Last) 3M CENTI	`	(Month				ded	(Check all applicable) Director 10% Owner _X_ Officer (give title Other (specify below) EXEC VP INTERNATIONAL			
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Reporting (check applicable line)			
ST. PAUL,	MN 55144-10	000					_X_ Form Filed Form Filed to Person	by One Reporti by More than O		
(City)	(State)	(Zip) Ta	ble I - Non-De	rivative Se	curiti	es Acq	uired, Disposed	l of, or Benef	icially Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price		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	Â	Â	Â	Â	Â	Â	1,334 (1)	I	By 401k/paesop	

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

Stock

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)

Trust

3235-0362

January 31,

Estimated average

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1.0

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

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

of D

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Reporting Owners

Reporting Owner Name / Address
Director 10% Owner Officer Other

THULIN INGE G
3M CENTER Â Â Â EXEC VP INTERNATIONAL Â
ST. PAUL, MNÂ 55144-1000

Signatures

George Ann Biros, attorney-in-fact for Inge G.
Thulin

01/28/2011

**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) Includes shares acquired during the fiscal year 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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