Harlan Joe E Form 4 May 20, 2011

FORM 4

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

Check this box

if no longer subject to Section 16. Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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. See Instruction 1(b).

SECURITIES

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

5. Relationship of Reporting Person(s) to

0.5

Harlan Joe E Issuer Symbol 3M CO [MMM] (Check all applicable) (Middle) (Last) (First) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner _X__ Officer (give title _ Other (specify 3M CENTER 05/18/2011 below) **EXEC VP CONSUMER & OFFICE** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting ST. PAUL, MN 55144-1000 Person

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acqui	ired, Disposed of	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	05/18/2011		S	100	D	\$ 93.105	66,481	D	
Common Stock	05/18/2011		S	100	D	\$ 93.12	66,381	D	
Common Stock	05/18/2011		S	200	D	\$ 93.14	66,181	D	
Common Stock	05/18/2011		S	100	D	\$ 93.15	66,081	D	
Common Stock	05/18/2011		S	500	D	\$ 93.16	65,581	D	

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Common Stock	05/18/2011	S	200	D	\$ 93.17 65,381	D
Common Stock	05/18/2011	S	300	D	\$ 93.18 65,081	D
Common Stock	05/18/2011	S	100	D	\$ 93.22 64,981	D
Common Stock	05/18/2011	S	449	D	\$ 93.23 64,532	D
Common Stock	05/18/2011	S	551	D	\$ 93.24 63,981	D
Common Stock	05/18/2011	S	400	D	\$ 93.245 63,581	D
Common Stock	05/18/2011	S	600	D	\$ 93.25 62,981	D
Common Stock	05/18/2011	S	100	D	\$ 93.27 62,881	D
Common Stock	05/18/2011	S	100	D	\$ 93.29 62,781	D
Common Stock	05/18/2011	S	100	D	\$ 93.32 62,681	D
Common Stock	05/18/2011	S	1,000	D	\$ 93.335 61,681	D
Common Stock	05/18/2011	S	100	D	\$ 93.34 61,581	D
Common Stock	05/18/2011	S	21	D	\$ 93.35 61,560	D
Common Stock	05/18/2011	S	579	D	\$ 93.36 60,981	D
Common Stock	05/18/2011	S	450	D	\$ 93.37 60,531	D
Common Stock	05/18/2011	S	100	D	\$ 93.375 60,431	D
Common Stock	05/18/2011	S	1,050	D	\$ 93.38 59,381	D
Common Stock	05/18/2011	S	800	D	\$ 93.39 58,581	D
Common Stock	05/18/2011	S	1,000	D	\$ 93.4 57,581	D
Common Stock	05/18/2011	S	300	D	\$ 93.41 57,281	D
	05/18/2011	S	2,090	D	\$ 93.42 55,191	D

Common Stock							
Common Stock	05/18/2011	S	100	D	\$ 93.425	55,091	D
Common Stock	05/18/2011	S	710	D	\$ 93.43	54,381	D
Common Stock	05/18/2011	S	1,200	D	\$ 93.435	53,181	D

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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac Code (Instr. 8	ction (Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)
				Code	V ((A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Harlan Joe E 3M CENTER

EXEC VP CONSUMER & OFFICE

ST. PAUL, MN 55144-1000

Signatures

George Ann Biros, attorney-in-fact for Joe E. Harlan 05/20/2011

**Signature of Reporting Person Date

Reporting Owners 3

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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).

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.