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 **SECURITIES** 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).

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * Harlan Joe E

(First) (Middle)

3M CENTER

(Last)

(Street)

(Ctata)

ST. PAUL, MN 55144-1000

2. Issuer Name and Ticker or Trading Symbol

3M CO [MMM]

3. Date of Earliest Transaction

(Month/Day/Year) 05/18/2011

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

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response...

0.5

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)

Director 10% Owner _X__ Officer (give title _ _ Other (specify

below)

EXEC VP CONSUMER & OFFICE

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting Person

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficial	ly 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)	3. 4. Securities Acquired (A) Fransactiomr Disposed of (D) Code (Instr. 3, 4 and 5) Instr. 8) (A)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	05/18/2011		S	164	D	\$ 93.83	28,417	D	
Common Stock	05/18/2011		S	1,436	D	\$ 93.84	26,981	D	
Common Stock	05/18/2011		S	100	D	\$ 93.85	26,881	D	
Common Stock	05/18/2011		S	300	D	\$ 93.86	26,581	D	
Common Stock	05/18/2011		S	180	D	\$ 93.89	26,401	D	

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Common Stock	05/18/2011	S	1,020	D	\$ 93.9	25,381	D
Common Stock	05/18/2011	S	1,800	D	\$ 93.91	23,581	D
Common Stock	05/18/2011	S	1,000	D	\$ 93.92	22,581	D
Common Stock	05/18/2011	S	81	D	\$ 93.94	22,500	D
Common Stock	05/18/2011	S	199	D	\$ 93.95	22,301	D
Common Stock	05/18/2011	S	1,200	D	\$ 93.96	21,101	D
Common Stock	05/18/2011	S	1,520	D	\$ 93.97	19,581	D
Common Stock	05/18/2011	S	104	D	\$ 93.98	19,477	D
Common Stock	05/18/2011	S	710	D	\$ 93.99	18,767	D
Common Stock	05/18/2011	S	186	D	\$ 94	18,581	D
Common Stock	05/18/2011	S	1,000	D	\$ 94.005	17,581	D
Common Stock	05/18/2011	S	200	D	\$ 94.02	17,381	D
Common Stock	05/18/2011	S	1,700	D	\$ 94.03	15,681	D
Common Stock	05/18/2011	S	100	D	\$ 94.04	15,581	D
Common Stock	05/18/2011	S	1,000	D	\$ 94.06	14,581	D
Common Stock	05/18/2011	S	100	D	\$ 94.14	14,481	D
Common Stock	05/18/2011	S	400	D	\$ 94.15	14,081	D
Common Stock	05/18/2011	S	500	D	\$ 94.16	13,581	D
Common Stock	05/18/2011	M	60,000	A	\$ 87.35	73,581	D
Common Stock	05/18/2011	S	6,200	D	\$ 93	67,381	D
	05/18/2011	S	200	D	\$ 93.01	67,181	D

Common Stock						
Common Stock	05/18/2011	S	100	D	\$ 93.03 67,081	D
Common Stock	05/18/2011	S	100	D	\$ 93.06 66,981	D
Common Stock	05/18/2011	S	200	D	\$ 93.07 66,781	D
Common Stock	05/18/2011	S	200	D	\$ 93.08 66,581	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)

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)	4. Transactic Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
			Code V	4, and 5) (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

Reporting Owners 3

**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).

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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