

MORRISON ROBERT S
 Form 5
 January 22, 2010

FORM 5

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

OMB APPROVAL

OMB Number: 3235-0362
 Expires: January 31, 2005
 Estimated average burden hours per response... 1.0

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
 Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
MORRISON ROBERT S

 (Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol
3M CO [MMM]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

600 EAST WESTMINSTER
 (Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
12/31/2009

Director 10% Owner
 Officer (give title below) Other (specify below)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting (check applicable line)

LAKE FOREST, IL 60045

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

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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	(A) or (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 Stock	Â	Â	Â	Â	Â	Â	243	I	By 401k/paesop Trust
Common Stock	Â	Â	Â	Â	Â	Â	4,280	D	Â
Common Stock	Â	Â	Â	Â	Â	Â	17,344 ⁽¹⁾	I	By Corporation

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

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SEC 2270 (9-02)

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

Table with 9 columns: 1. Title of Derivative Security, 2. Conversion or Exercise Price of Derivative Security, 3. Transaction Date, 3A. Deemed Execution Date, 4. Transaction Code, 5. Number of Derivative Securities, 6. Date Exercisable and Expiration Date, 7. Title and Amount of Underlying Securities, 8. Price of Derivative Security, 9. Other. Includes sub-headers for Date Exercisable, Expiration Date, and Amount or Number of Shares.

Reporting Owners

Table with 2 main columns: Reporting Owner Name / Address and Relationships. Relationships include Director, 10% Owner, Officer, Other. Example entry: MORRISON ROBERT S, 600 EAST WESTMINSTER LAKE FOREST, IL 60045.

Signatures

George Ann Biro, attorney-in-fact for Robert S. Morrison 01/22/2010
**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 acquisition of deferred dividend reinvestment shares pursuant to 3M's Compensation Plan for Non- Employee Directors.
Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, see Instruction 6 for procedure.
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