3M CO Form 4/A December 02, 2004

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

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Form 5 obligations may continue.

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 See Instruction

1(b).

Stock

(Print or Type Responses)

| 1. Name and Ad THULIN IN | ddress of Reporting F GE G | Symbol | Name and Ticker or Trading [MMM] | 5. Relationship of Reporting Person(s) to Issuer | | | | |
|--------------------------------------|--------------------------------------|------------------------------|--|---|--|--|--|--|
| (Last) 3M CENTEI | | 3. Date of (Month/D 11/08/20 | | (Check all applicable) Director 10% OwnerX_ Officer (give title Other (specify below) | | | | |
| | (Street) | | ndment, Date Original hth/Day/Year) 004 | EXEC VP INTERNATIONAL 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person | | | | |
| ST PAUL, M | IN 551441000 (State) (| 7:) | | Form filed by More than One Reporting Person Acquired, Disposed of, or Beneficially Owned | | | | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | | 3. 4. Securities Acquired Transaction(A) or Disposed of (ECode (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price 9 850 \$ | 5. Amount of Securities Form: Direct Indirect Beneficially (D) or Beneficial Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported Transaction(s) (Instr. 3 and 4) | | | | |
| Stock | 11/08/2004 | | $A = \begin{pmatrix} 3,830 & A & \emptyset \\ (1) & A & 80.4 \end{pmatrix}$ | 5 10,924 D | | | | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

80.45

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 | | 4. | 5. | 6. Date Exerc | | 7. Title | | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|------------|------------|---------------|------------|----------|----------|-------------|--------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transacti | onNumber | Expiration D | ate | Amour | | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Underl | ying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securit | ies | (Instr. 5) | Bene |
| | Derivative | | | | Securities | | | (Instr. | 3 and 4) | | Owne |
| | Security | | | | Acquired | | | | | | Follo |
| | · | | | | (A) or | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | | |
| | | | | | 4, and 5) | | | | | | |
| | | | | | ,) | | | | | | |
| | | | | | | | | | Amount | | |
| | | | | | | Date | Expiration | | or | | |
| | | | | | | Exercisable | Date | Title | Number | | |
| | | | | | | | | | of | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

THULIN INGE G 3M CENTER ST PAUL, MN 551441000

EXEC VP INTERNATIONAL

Signatures

By: George Ann Biros For: Inge G
Thulin
12/01/2004

**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).

On November 10, 2004, the reporting person reported a grant of restricted stock that was estimated. The actual number of shares was (1) determined on the effective date of the grant (December 1, 2004). This amendment is being filed to update the Form 4 with the actual number of restricted shares and value of those shares.

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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