3M CO Form 4 February 18, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

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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(b).

(Print or Type Responses)

may continue.

See Instruction

| 1. Name and Address of Reporting Person * GRENZ M KAY | | Symb | Issuer Name and Ticker or Trading Symbol M CO [MMM] | | | | 5. Relationship of Reporting Person(s) to Issuer | | | |
|---|---|---------|---|----------------------------|---------|--------------|--|--|--|--|
| (Last) | (First) | (Mont | 3. Date of Earliest Transaction (Month/Day/Year) 02/16/2005 | | | | (Check all applicable) Director 10% OwnerX_ Officer (give title Other (specify below) VICE PRESIDENT HR | | | |
| | (Street) | Filed(| 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | 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) T | able I - Nor | -Derivativ | e Secu | irities Acq | uired, Disposed | of, or Benefic | cially Owned | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | | Code | owr Dispos (Instr. 3, 4 | ed of (| (D) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| Common Stock | 02/16/2005 | | M | 3,316 | A | \$ 64.875 | 55,268 | D | | |
| Common Stock | 02/16/2005 | | M | 601 | A | \$ 84 | 55,869 | D | | |
| Common Stock | 02/16/2005 | | M | 12,739 | A | \$ 61.85 | 68,608 | D | | |
| Common Stock | 02/16/2005 | | F | 9,143 | D | \$ 86.175 | 59,465 | D | | |
| Common Stock | 02/16/2005 | | F | 1,175 | D | \$ 86.175 | 58,290 | D | | |

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| Commor Stock | 02/16/2005 | M | 23,122 | A | \$ 61.85 | 81,412 | D | |
|-----------------|------------|---|--------|---|--------------|--------|---|----------------------------|
| Commor Stock | 02/16/2005 | F | 16,595 | D | \$ 86.175 | 64,817 | D | |
| Commor Stock | 02/16/2005 | F | 2,786 | D | \$ 86.175 | 62,031 | D | |
| Commor Stock | 02/16/2005 | M | 8,942 | A | \$ 63.225 | 70,973 | D | |
| Commor Stock | 02/16/2005 | F | 6,560 | D | \$ 86.175 | 64,413 | D | |
| Commor Stock | 02/16/2005 | F | 1,016 | D | \$ 86.175 | 63,397 | D | |
| Commor Stock | 02/16/2005 | M | 6,876 | A | \$ 63.225 | 70,273 | D | |
| Commor Stock | 02/16/2005 | F | 5,044 | D | \$ 86.175 | 65,229 | D | |
| Commor Stock | 02/16/2005 | F | 781 | D | \$ 86.175 | 64,448 | D | |
| Commor Stock | 02/16/2005 | M | 7,330 | A | \$ 63.225 | 71,778 | D | |
| Commor Stock | 02/16/2005 | F | 5,377 | D | \$ 86.175 | 66,401 | D | |
| Commor Stock | 02/16/2005 | F | 833 | D | \$ 86.175 | 65,568 | D | |
| Commor Stock | 02/16/2005 | M | 10,796 | A | \$ 64.5 | 76,364 | D | |
| Commor Stock | 02/16/2005 | F | 8,080 | D | \$ 86.175 | 68,284 | D | |
| Commor Stock | 02/16/2005 | F | 1,159 | D | \$ 86.175 | 67,125 | D | |
| Commor Stock | 02/16/2005 | S | 3,316 | D | \$ 85.91 | 63,809 | D | |
| Commor Stock | 02/16/2005 | S | 601 | D | \$ 85.91 | 63,208 | D | |
| Commor Stock | ı | | | | | 3,857 | I | by 401k/PAESOP Trust |
| Commor Stock | | | | | | 462 | I | by Daughter |

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

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SEC 1474 (9-02)

$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

| 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. 5. Number of TransactionDerivative Code Securities Acquired (Instr. 8) (A) or Disposed of (D) (Instr. 3, 4, and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Underlying (Instr. 3 and | |
|---|---|--------------------------------------|---|---|-------|--|---------------------|---|-----------------|
| | | | | Code V | (A) | (D) | Date Exercisable | Expiration Date | Title |
| Non-Qualified Stock Option (right to buy) | \$ 61.85 | 02/16/2005 | | M | | 12,739 | 05/14/2004 | 05/12/2013 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 61.85 | 02/16/2005 | | M | | 23,122 | 05/14/2004 | 05/12/2013 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 63.225 | 02/16/2005 | | M | | 6,876 | 12/11/2002 | 05/11/2007 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 63.225 | 02/16/2005 | | M | | 8,942 | 12/11/2002 | 05/12/2008 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 63.225 | 02/16/2005 | | M | | 7,330 | 12/11/2002 | 05/07/2010 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 64.5 | 02/16/2005 | | M | | 10,796 | 05/15/2003 | 05/14/2012 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 64.875 | 02/16/2005 | | M | | 3,316 | 12/17/2003 | 05/06/2005 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 84 | 02/16/2005 | | M | | 601 | 11/14/2004 | 05/06/2005 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 86.2 | 02/16/2005 | | A | 5,825 | | 08/16/2005 | 05/11/2007 | Common Stock |
| Non-Qualified Stock Option | \$ 86.2 | 02/16/2005 | | A | 7,576 | | 08/16/2005 | 05/12/2008 | Common Stock |

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| (right to buy) | | | | | | | |
|---|---------|------------|---|--------|------------|------------|-----------------|
| Non-Qualified Stock Option (right to buy) | \$ 86.2 | 02/16/2005 | A | 6,210 | 08/16/2005 | 05/07/2010 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 86.2 | 02/16/2005 | A | 9,239 | 08/16/2005 | 05/14/2012 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 86.2 | 02/16/2005 | A | 10,318 | 08/16/2005 | 05/13/2013 | Common Stock |
| Non-Qualified Stock Option (right to buy) | \$ 86.2 | 02/16/2005 | A | 19,381 | 08/16/2005 | 05/13/2013 | Common Stock |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--------------------------------|---------------|-----------|-------------------|-------|--|--|--|
| 1 0 | Director | 10% Owner | Officer | Other | | | |
| GRENZ M KAY | | | | | | | |
| | | | VICE PRESIDENT HR | | | | |

Signatures

By: George Ann Biros For: M Kay Grenz 02/16/2005

**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).

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