

| OMB APPROVAL                                 |           |
|--|-----------|
| OMB Number:                                  | 3235-0287 |
| Estimated average burden hours per response: | 0.5       |

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|  |   |   |
|--|---|---|
| 1. Name and Address of Reporting Person *<br><u>Lacey Roger HD</u><br><br>(Last) (First) (Middle)<br>3M CENTER<br><br>(Street)<br>ST. PAUL MN 55144-1000<br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>3M CO [ MMM ]</u> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner<br>Officer (give title below) Other (specify below)<br>X Senior Vice President |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br>02/15/2011      |   |
| 4. If Amendment, Date of Original Filed (Month/Day/Year)   |   |   |

**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) |            |           | 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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-----------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price     |   |  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 200   | D          | \$91.8    | 25,939  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 2,621   | D          | \$91.97   | 23,318  | D  |   |
| Common Stock                    | 02/15/2011                           |  | M                              |   | 1,704   | A          | \$58.625  | 25,022  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 904   | D          | \$91.961  | 24,118  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 600   | D          | \$91.962  | 23,518  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 100   | D          | \$91.9608 | 23,418  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 100   | D          | \$91.9604 | 23,318  | D  |   |
| Common Stock                    | 02/15/2011                           |  | M                              |   | 1,593   | A          | \$83.95   | 24,911  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 100   | D          | \$91.9602 | 24,811  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 1,100   | D          | \$91.961  | 23,711  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 100   | D          | \$91.9616 | 23,611  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 100   | D          | \$91.9613 | 23,511  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 193   | D          | \$91.962  | 23,318  | D  |   |
| Common Stock                    | 02/15/2011                           |  | M                              |   | 14,329  | A          | \$86.5    | 37,647  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 990   | D          | \$91.95   | 36,657  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 1,610   | D          | \$91.96   | 35,047  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 100   | D          | \$91.9604 | 34,947  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 400   | D          | \$91.9625 | 34,547  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 4,300   | D          | \$91.965  | 30,247  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 600   | D          | \$91.9675 | 29,647  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 4,929   | D          | \$91.97   | 24,718  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 300   | D          | \$91.98   | 24,418  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 100   | D          | \$91.9801 | 24,318  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 600   | D          | \$91.985  | 23,718  | D  |   |
| Common Stock                    | 02/15/2011                           |  | S                              |   | 400   | D          | \$91.9875 | 23,318  | D  |   |

**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. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|
|  |  |                                      |  | Code                           | V | (A)  | (D) | Date Exercisable   | Expiration Date |   |  |  |   |  |

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|--|--|--------------------------------------|--|--------------------------------|---|--|--------|--|-----------------|---|----------------------------|--|--|---|--|
|  |  |                                      |  | Code                           | V | (A)  | (D)    | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |  |  |   |  |
| Incentive Stock Option (Right to Buy)      | \$58.625   | 02/15/2011                           |  | M                              |   |  | 1,704  | 05/08/2002   | 05/06/2011      | Common Stock  | 1,704                      | \$0  | 0  | D   |  |
| Non-qualified Stock Option (Right to Buy)  | \$83.95  | 02/15/2011                           |  | M                              |   |  | 1,593  | 10/19/2004   | 05/06/2011      | Common Stock  | 1,593                      | \$0  | 0  | D   |  |
| Non-qualified Stock Option (Right to Buy)  | \$86.5   | 02/15/2011                           |  | M                              |   |  | 14,329 | 09/08/2005   | 05/06/2011      | Common Stock  | 14,329                     | \$0  | 0  | D   |  |

Explanation of Responses:

George Ann Biros, attorney-in-fact 02/16/2011  
for Roger H.D. Lacey

\*\* Signature of Reporting Person                      Date

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

\* 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.