

Lobey Jean
Form 5
January 12, 2010

FORM 5

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

OMB APPROVAL

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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 * | | | 2. Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer |
| Lobey Jean | | | 3M CO [MMM] | (Check all applicable) |
| (Last) | (First) | (Middle) | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner |
| 3M CENTER | | | 12/31/2009 | <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |
| (Street) | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | EXEC VP SFTY SEC & PROT SVCS |
| ST. PAUL, MN 55144-1000 | | | | 6. Individual or Joint/Group Reporting (check applicable line) |
| (City) | (State) | (Zip) | | <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person |

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 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) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| | | | | (A) or (D) | Amount or Price | | |
| Common Stock | 12/31/2009 | ^ | J(1) | 12,687 D | \$ (2) 7,003 (3) | D | ^ |
| Common Stock | ^ | ^ | ^ | ^ | ^ | I | By 401k/paesop Trust |

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)

| 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 Underlying Securities (Instr. 3 and 4) | |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|-----|----------------------------------------------------------|------------------|---------------------------------------------------------------|----------------------------|
| | | | | | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Restricted Stock Units | Â | 12/31/2009 | Â | J ⁽¹⁾ | 12,687 | Â | Â ⁽⁴⁾ | Â ⁽⁴⁾ | Common Stock | 12,687 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|----------------------------------------------------|---------------|-----------|--------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Lobey Jean 3M CENTER ST. PAUL, MN 55144-1000 | Â | Â | Â EXEC VP SFTY SEC & PROT SVCS | Â |

Signatures

George Ann Biros, attorney-in-fact for Jean Lobey
Date: 01/12/2010

__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) Due to reporting automation changes instituted by Issuer's stock plan vendor, the reporting person's restricted stock units will be reported on Table II going forward. This transaction indicates the number of restricted stock units that will be transferred to Table II.
- (2) Each restricted stock unit represents a contingent right to receive one share of 3M common stock.
- (3) Includes shares acquired under 3M's General Employee Stock Purchase Plan; includes shares acquired under 3M's Dividend Reinvestment Plan.
- (4) The restricted stock units will vest 100% three years from the grant date (2/9/2009).

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.