FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL         |           |  |  |  |  |  |  |  |
|----------------------|-----------|--|--|--|--|--|--|--|
| OMB Number:          | 3235-0287 |  |  |  |  |  |  |  |
| Estimated average to | ourden    |  |  |  |  |  |  |  |

0.5

hours per response:

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

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*  Milliken Darren J.   |  |  |                       |                              | 2. Issuer Name <b>and</b> Ticker or Trading Symbol ACCURAY INC [ ARAY ] |                  |  |        |   |       |                   |   | heck all a<br>Dir   | ector  | 10                                       | % Owner  |               |             |
|--|--|--|-----------------------|------------------------------|---|------------------|--|--------|---|-------|-------------------|---|---|--|--|--|---------------|-------------|
| (Last) (First) (Middle) 1310 CHESAPEAKE TERRACE  |  |  |                       |                              | 3. Date of Earliest Transaction (Month/Day/Year) 02/08/2011             |                  |  |        |   |       |                   |   |   | icer (give title Other<br>ow) below<br>SVP General Counsel |  | · '  |               |             |
| (Street) SUNNY (City)  |  |  | 94089<br>Zip)         |                              | 4. If   | Ame              | ndment   | Date o | of Original   | Filed | (Month/Da         | ay/Yea  | ")  |  | ne)<br><mark>X</mark> Fo<br>Fo           | or Joint/Group<br>om filed by One<br>om filed by Mo<br>orson | e Reporting I | Person      |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |  |  |                       |                              |   |                  |  |        |   |       |                   |   |   |  |  |  |               |             |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Da   |  |  |                       |                              | Execution Date,   |                  | 3. Transaction Code (Instr. 8)  4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 5)   |        |   |       | nd Secu<br>Bene   | nount of<br>rities<br>ficially<br>ed Following      | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | of Indirect  |  |  |               |             |
|  |  |  |                       |                              |   |                  |  |        | Code  | v     | Amount (A) or (D) |   | A) or<br>D)   | Price  | Tran                                     | saction(s)<br>r. 3 and 4)                                    |               | (iiisti. 4) |
| Common Stock 02/08/  |  |  |                       | /2011                        |   | D <sup>(1)</sup> |  | 2,104  |   | D     | \$9.              | 68  | 11,347  | D  |  |  |               |             |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |  |                       |                              |   |                  |  |        |   |       |                   |   |   |  |  |  |               |             |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | tive Conversion Date Execution Date, or Exercise (Month/Day/Year) if any |  | Date,<br>//Year)<br>- | 4.<br>Transa<br>Code (<br>8) |   |                  | 6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Exercisable Expiration Date |        | Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |       | ount<br>nber      | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) |   | Owners<br>Form:<br>Direct (I<br>or Indire<br>(I) (Instr    | Beneficial<br>Ownership<br>ct (Instr. 4) |  |               |             |

## Explanation of Responses:

1. Shares were automatically sold in accordance with Accuray policy for all restricted stock unit (RSU) releases in order to cover tax obligations upon RSU release and is consistent with Accuray practices for all RSU releases of employees located in the United States.

Darren J. Milliken

02/09/2011

\*\* Signature of Reporting Person

Date

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

- $^{\star}$  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.