FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

| 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*  Skowronski Walter E     |  |  |                 |                                      |   | 2. Issuer Name and Ticker or Trading Symbol USEC INC [USU] |  |                          |  |     |          |  |           |          | ck all ap <sub>l</sub>  | onship of Reporting F<br>Il applicable)<br>Director   |  | Person(s) to Issuer |  |
|---|--|--|-----------------|--------------------------------------|---|--|--|--------------------------|--|-----|----------|--|-----------|----------|---|---|--|---------------------|--|
|   |  |  |                 |                                      | 3. Date of Earliest Transaction (Month/Day/Year) 05/10/2011 |  |  |                          |  |     |          |  |           |          | Officer (give title below)  |   | Other (specify below)                                |                     |  |
| (Street)  |  |  |                 |                                      | 4. If A   | 4. If Amendment, Date of Original Filed (Month/Day/Year)   |  |                          |  |     |          |  |           |          | Individual or Joint/Group Filing (Check Applicab Line)     X Form filed by One Reporting Person |   |  |                     |  |
| BETHES  | DA M   | D 2  | 0817            |                                      |   |  |  |                          |  |     |          |  |           |          | Form filed by More than One Reporting Person  |   |  |                     | oorting  |
| (City)  | (St  | ate) (Z                                    | Zip)            |                                      |   |  |  |                          |  |     |          |  |           |          |   |   |  |                     |  |
|   |  | Tabl                                       | e I - I         | Non-Deriv                            | ative \$  | Secu   | ıritie   | s Acc                    | quired,  | Dis | posed of | f, or E  | Bene      | iciall   | y Own   | ed  |  |                     |  |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Y |  |  |                 |                                      | Year) i   | Execution Date,  |  |                          | Transaction Dispose Code (Instr. 5)  |     |          | ities Acquired (A)<br>d Of (D) (Instr. 3,  |           |          | Secur   | icially<br>d  | Form: Dir<br>(D) or                                  | Indirect (I)        |  |
|   |  |  |                 |                                      |   |  |  |                          | Code   | v   | Amount   | (A)<br>(D)   | or P      | rice     | Repo<br>Trans   |   | (111341. 4)  |                     | (Instr. 4)   |
| Common Stock 05/10/20   |  |  |                 |                                      |   | )11  |  |                          | A  |     | 26,087   | A  | A \$0.000 |          | 29,846(1)   |   | 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)               | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security  | 3. Transaction<br>Date<br>(Month/Day/Year) | Execu<br>if any | eemed<br>ution Date,<br>th/Day/Year) | 4.<br>Transac<br>Code (I<br>8)                              |  | of<br>Derive<br>Secur<br>Acque<br>(A) of<br>Dispersion | r<br>osed<br>)<br>. 3, 4 | 6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Expiration Exercisable Date |     |          | 7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4)  Amoun or Numbo of Title Shares |           | o D S (I | Price<br>i<br>erivative<br>ecurity<br>nstr. 5)  | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Owner<br>Form:<br>Direct<br>or Ind<br>(I) (Ins<br>4) | (D)                 | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |

## Explanation of Responses:

1. Includes 29,846 restricted stock units issued pursuant to the Company's equity incentive plan.

/s/ Kerri R. Morey, Attorney-In-Fact 05/11/2011

\*\* 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.