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* Donelson John M A | | | | | | 2. Issuer Name and Ticker or Trading Symbol USEC INC [USU] | | | | | | | | | heck all ap Dire | plicable) ctor | | Person(s) to Iss 10% Ow | | |
|--|--|--|----------------|----------------------------------|----------|--|--|---|--|------|------------|---|-------------|--------------|--|---|---|-----------------------------------|---|--|
| (Last) (First) (Middle) 6903 ROCKLEDGE DRIVE | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/28/2011 | | | | | | | | | A bel | , | be | Other (specify below) g and Sales | | |
| (Street) BETHES (City) | | | 20817 (Zip) | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | ne) X For For | or Joint/Group Filing (Check Applicable m filed by One Reporting Person m filed by More than One Reporting rson | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day/ | | | | | | Execution Date, | | | Transaction Disposed Code (Instr. and 5) | | | rities Acquired (/ ed Of (D) (Instr. 3 | | | Secu Bene Own | | 6. Owners Form: Dire (D) or Indirect (I) (Instr. 4) | ct of B | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | | | | | Code | v | Amount | (A (C | () or () | Price | Repo Tran | Following Reported Transaction(s) (Instr. 3 and 4) | | | msu. 4) | |
| Common | 011 | | | S | | 30,000 | | D | \$4.: | 54 1 | 117,449(1) | | | | | | | | | |
| | 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) | if any | emed ion Date, n/Day/Year) | Code (Ir | saction de (Instr. Scurities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 6. Date Exercisable and Expiration Date (Month/Day/Year) Date Exercisable Expiration Date | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4) Amount or Numbe of Title Shares | | str. ount | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Owners Form: Direct or Indi (I) (Inst | hip of Bo D) O | 11. Nature of Indirect Beneficial Ownership Instr. 4) | |

Explanation of Responses:

1. Includes 69,049 restricted shares issued pursuant to the Company's equity incentive plan.

/s/ Kerri R. Morey, Attorney-In-Fact 03/29/2011

** 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.