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 ar | USI | Issuer Name and Ticker or Trading Symbol USEC INC [USU] Date of Earliest Transaction (Month/Day/Year) | | | | | | | | | | all app | ship of Reporting applicable) rector | | 10% C | wner | | | | |
|--|--|--|--------------|------------------------------------|---------|--|--|--|--|---|---|--|--|-------|-----------------------|---|--|-------|--|--|
| (Last) (First) (Middle) 6903 ROCKLEDGE DRIVE | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 08/10/2007 | | | | | | | | | X | Office | ficer (give title low) Controller a | | Other (specify below) | |
| (Street) BETHES (City) | | | 0817 Zip) | | 4. If A | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | Indiv ne) X | Form | or Joint/Group Filing (Check Applicable m filed by One Reporting Person m filed by More than One Reporting son | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/ | | | | | y/Year) | Execution Dat | | | 3. Transaci Code (In 8) | | 4. Securities Acquired (Disposed Of (D) (Instr. 3 and 5) | | | | 3, 4 Sec Ber Ow | | urities neficially ned | | wnership m: Direct or rect (I) tr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | | | | | | Code | v | Amount | (A (C | A) or D) | Price | | Following Reported Transaction(s) (Instr. 3 and 4) | | (1113 | u. 4) | (mau. 1) |
| Common Stock 08/10/2 | | | | | | .007 | | | F | | 172 | D | | \$15 | .59 | 9,687(1) | | | 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) | if any | eemed tion Date, h/Day/Year) | Code (I | ansaction of Derivative Securities 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) | | nstr. | 1 | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | | 10. Ownership Form: Direct (D) or Indirect I) (Instr. | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |

Explanation of Responses:

1. Includes 6,485 restricted shares issued pursuant to the Company's equity incentive plan.

Remarks:

By: Kerri R. Morey, Attorney in Fact

 $\underline{08/13/2007}$

** 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.