

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

**FORM 8-K**

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

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Date of Report (Date of earliest event reported): February 15, 2012

**USEC Inc.**

*(Exact name of registrant as specified in its charter)*

**Delaware**

*(State or other jurisdiction of incorporation)*

**1-14287**

*(Commission File Number)*

**52-2107911**

*(I.R.S. Employer Identification No.)*

**2 Democracy Center  
6903 Rockledge Drive  
Bethesda, MD 20817  
(301) 564-3200**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

On February 15, 2012, Mr. Michael H. Armacost informed the Board of Directors of USEC Inc. that he will retire as a director when his current term ends at the 2012 annual meeting of shareholders scheduled for April 26, 2012. Mr. Armacost has been a director since 2002.

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**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

**USEC Inc.**

February 16, 2012

By:

/s/ John C. Barpoulis

**John C. Barpoulis**

Senior Vice President and Chief Financial Officer  
(Principal Financial Officer)