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

Date of Report (Date of Earliest Event Reported):

January 20, 2009

USEC Inc.

(Exact name of registrant as specified in its charter)

Delaware	1-14287	52-2107911
(State or other jurisdiction of incorporation)	(Commission File Number)	(I.R.S. Employer Identification No.)
2 Democracy Center, 6903 Rockledge Drive, Bethesda, Maryland		20817
(Address of principal executive offices)		(Zip Code)
Registrant's telephone number, including area code:		(301) 564-3200
Not Applicable		
Former name or former address, if changed since last report		
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 Sec [] Soliciting material pursuant to Rule 14a-12 under the Exchar [] Pre-commencement communications pursuant to Rule 14d-2 [] Pre-commencement communications pursuant to Rule 13e-4	nge Act (17 CFR 240.14a-1 2(b) under the Exchange A	2) ct (17 CFR 240.14d-2(b))

Top of the Form

Item 8.01 Other Events.

On January 20, 2009, USEC Inc. (the "Company") repaid the remaining \$95.7 million principal of 6.75% senior notes due January 20, 2009. The original issue of \$150 million in notes had been reduced by early retirement of bonds. The repayment of the notes was made with available cash. The Company's cash balance as of December 31, 2008 (prior to repayment of the notes) was approximately \$248 million.

Top of the Form

SIGNATURES

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 hereunto duly authorized.

USEC Inc.

January 21, 2009

By: /s/ John C. Barpoulis

Name: John C. Barpoulis Title: Senior Vice President and Chief Financial Officer (Principal Financial Officer)