



DIVISION OF  
CORPORATION FINANCE

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

March 2, 2011

Thomas H. Ehrlich  
Vice President and Chief Financial Officer  
Uranium Resources, Inc.  
405 State Highway 121 Bypass  
Building A, Suite 110  
Lewisville, Texas 75067

**Re: Uranium Resources, Inc.**  
**Form 10-K for Fiscal Year Ended December 31, 2009**  
**Filed March 16, 2010**  
**Schedule 14A Definitive Proxy Statement**  
**Filed April 27, 2010**  
**File No. 1-33404**

Dear Mr. Ehrlich:

We have completed our review of your Form 10-K and related filings and have no further comments at this time.

Sincerely,

H. Roger Schwall  
Assistant Director