First Uranium Corporation

NEWS RELEASE – September 13, 2010

FIRST URANIUM ANNOUNCES RESIGNATION OF NON-EXECUTIVE DIRECTOR

Toronto and Johannesburg – First Uranium Corporation (TSX:FIU, JSE:FUM) ("First Uranium" or the "Company") (ISIN:CA33744R1029) announced today that Mr. Patrick Evans has tendered his resignation from the Board of Directors of the Company. Mr. Evans is President and Chief Executive Officer of Mountain Province Diamonds Inc., Chief Executive Officer of Norsemont Mining Inc. and a director of Anvil Mining Limited. He became a director of First Uranium in December 2006 and has served as chair of the Corporate Governance and Nominating Committee. Mr. Evan's resignation takes effect immediately. The Board of Directors of First Uranium wishes to thank him for his past service and contribution to the company.

About First Uranium Corporation

First Uranium Corporation (TSX:FIU, JSE:FUM) is focused on its goal of becoming a significant low-cost producer of uranium and gold through the expansion of the underground development to feed the new uranium and gold plants at the Ezulwini Mine and through the expansion of the plant capacity of the Mine Waste Solutions tailings recovery facility, both located in South Africa.

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Cautionary Language Regarding Forward-Looking Information

This news release contains and refers to forward-looking information based on current expectations. All other statements other than statements of historical fact included in this release are forward-looking statements. Readers should not place undue reliance on forward-looking statements that are included herein, except in accordance with applicable securities laws.

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