

Item 8.01 Other Events.

On December 20, 2013, Dr. Leonard Bell, Chief Executive Officer of Alexion Pharmaceuticals, Inc., reported sales of Alexion common stock made under a pre-arranged stock trading plan adopted in accordance with Rule 10b5-1 of the Securities Exchange Act of 1934, as amended. Dr. Bell's currently existing pre-arranged stock trading plan adopted in accordance with Rule 10b5-1 for, among other things, estate and family financial planning, provide for the sale of up to an additional 191,436 shares of Alexion common stock.

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 hereunto duly authorized.

ALEXION PHARMACEUTICALS, INC.

By: /s/ Michael V. Greco

Name: Michael V. Greco

Title: Vice President of Law and Corporate
Secretary

Date: December 20, 2013