

Item 5.07 Submission of Matters to a Vote of Security Holders.

Alexion held its Annual Meeting of Stockholders on May 7, 2012 in Providence, Rhode Island. The results of the matters voted on by the stockholders are set forth below.

1. The election of directors:

| | For | Against or Withheld | Abstain |
|-------------------|-------------|---------------------|---------|
| Leonard Bell | 156,829,452 | 5,316,607 | — |
| Max Link | 156,102,930 | 6,043,129 | — |
| William R. Keller | 158,444,288 | 3,701,771 | — |
| Joseph A. Madri | 156,316,590 | 5,829,469 | — |
| Larry L. Mathis | 158,826,676 | 3,319,383 | — |
| R. Douglas Norby | 144,400,044 | 17,746,015 | — |
| Alvin S. Parven | 156,272,142 | 5,873,917 | — |
| Andreas Rummelt | 158,862,852 | 3,283,207 | — |
| Ann M. Veneman | 158,466,934 | 3,679,125 | — |

2. Ratification of the appointment of PricewaterhouseCoopers LLP as Alexion's independent registered public accounting firm:

| For | Against | Abstain |
|-------------|-----------|---------|
| 168,755,805 | 2,337,238 | 45,445 |

3. The non-binding advisory vote to approve the compensation paid to Alexion's named executive officers as described in Alexion's 2012 proxy statement:

| For | Against | Abstain |
|-------------|-----------|---------|
| 152,054,703 | 9,411,117 | 680,239 |

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.

Date: May 11, 2012

ALEXION PHARMACEUTICALS, INC.

By: /s/ Michael V. Greco

Name: Michael V. Greco

Title: Associate General Counsel and Corporate Secretary