

ALEXION PHARMACEUTICALS INC  
 Form 4  
 July 18, 2005

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 LUKE BARRY P

2. Issuer Name and Ticker or Trading Symbol  
 ALEXION PHARMACEUTICALS INC [ALXN]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 VP, Finance & Administration

(Last) (First) (Middle)  
 C/O ALEXION PHARMACEUTICALS INC, 352 KNOTTER DRIVE  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 07/15/2005

CHESHIRE, CT 06410  
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_ Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code			4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount				
Common Stock, par value \$.0001	07/15/2005		M		15,000	A \$ 10	39,800	D	
Common Stock, par value \$.0001	07/15/2005		S		5,000	D \$ 24.75	34,800	D	
Common Stock, par	07/15/2005		S		5,000	D \$ 24.7783	29,800	D	

value  
\$.0001

Common  
Stock, par  
value 07/15/2005 S 2,500 D \$ 24.8624 27,300 D  
\$.0001

Common  
Stock, par  
value 07/15/2005 S 2,500 D \$ 24.8834 24,800 D  
\$.0001

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Option to Purchase Common Stock, par value \$.0001	\$ 10	07/15/2005		M	15,000	05/17/1999 05/17/2006	Common Stock, par value \$.0001	15,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LUKE BARRY P C/O ALEXION PHARMACEUTICALS INC 352 KNOTTER DRIVE CHESHIRE, CT 06410			VP, Finance & Administration	

## Signatures

/s/ Barry P.  
Luke

07/18/2005

\_\_Signature of  
Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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