

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)

(Last) (First) (Middle)

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

____ Director
 Officer (give title below) VP, Finance & Administration
 ____ 10% Owner
 ____ Other (specify below)

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

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

CHESHIRE, CT 06410

(City) (State) (Zip)

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 (Instr. 8)	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 Indirect Beneficial Ownership (Instr. 4)	
				(A) or (D)	Price			
				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 \$.0001	07/15/2005	S	2,500	D	\$ 24.8624	27,300	D
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Common Stock, par value \$.0001	07/15/2005	S	2,500	D	\$ 24.8834	24,800	D
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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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)		
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V (A) (D)		
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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