

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	(A) or (D)				Price
Common Stock, par value \$.0001	07/15/2005		M		15,000	A	\$ 10	39,800	D	Indirect Beneficial Ownership
Common Stock, par value \$.0001	07/15/2005		S		5,000	D	\$ 24.75	34,800	D	Indirect Beneficial Ownership
Common Stock, par	07/15/2005		S		5,000	D	\$ 24.7783	29,800	D	Indirect Beneficial Ownership

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)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title 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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