BELL LEONARD

Form 4

January 17, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

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 may continue.

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **BELL LEONARD**

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

below)

Symbol

ALEXION PHARMACEUTICALS

(Check all applicable)

INC [ALXN]

(Last) (First) (Middle) 3. Date of Earliest Transaction

_X__ Director 10% Owner X_ Officer (give title Other (specify

(Month/Day/Year)

01/15/2007

Chief Executive Officer

C/O ALEXION PHARMACEUTICALS INC, 352

(Street)

KNOTTER DRIVE

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

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 2A. Deemed (Month/Day/Year) Execution Date, if

Code (Instr. 8)

Code V

3.

Transaction(A) or Disposed of (D) (Instr. 3, 4 and 5)

4. Securities Acquired 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A)

(D)

Amount

Reported Transaction(s)

(Instr. 3 and 4) Price

Common

Stock, par value

\$.0001 per share

01/15/2007

12,000 A (1)

\$0 393,324 D

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

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number.

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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed o (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	\$ 41.15	01/15/2007		A	42,500	<u>(2)</u>	01/15/2017	Common Stock, par value \$.0001 per share	

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
BELL LEONARD C/O ALEXION PHARMACEUTICALS INC						
352 KNOTTER DRIVE	X		Chief Executive Officer			
CHESHIRE CT 06410						

Signatures

/s/ Leonard Bell 01/17/2007

**Signature of Date
Reporting Person

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).
- (1) Award of Restricted Stock pursuant to the 2004 Incentive Plan. One-half vests two years following the transaction date, and thereafter, 1/8th vests every six months.
- (2) 1/16th vests every three months following the transaction date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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