Cyclacel Pharmaceuticals, Inc.

Form 4

October 13, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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OMB APPROVAL

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

Check this box

obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MARXE AUSTIN W &

GREENHOUSE DAVID M

2. Issuer Name and Ticker or Trading Symbol

Cyclacel Pharmaceuticals, Inc.

[CYCC]

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

(Last)

(First)

(Middle)

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

10/08/2010

Director 10% Owner Other (specify Officer (give title

C/O SPECIAL SITUATIONS FUNDS, 527 MADISON AVENUE,

SUITE 2600

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

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

NEW YORK, NY 10022

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

Common

Stock

2. Transaction Date 2A. Deemed (Month/Day/Year)

10/08/2010

Execution Date, if

(Month/Day/Year)

3. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported

Transaction(s) (Instr. 4) (Instr. 3 and 4)

or Code V Amount (D) Price \$

(A)

(1)

183,982 S D (2)

4,306,900 1.6726 (2)

By Limited J (2) **Partnerships** (2)

7. Nature of

Indirect

Beneficial

Ownership

(Instr. 4)

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

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SEC 1474 (9-02)

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

1. Title o	of 2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivativ	ve Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate Amou		ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Instr. 8) Derivative Securities			Secur	rities	(Instr. 5)	Bene
	Derivative							(Instr. 3 ar	:. 3 and 4)	d 4)	Owne
	Security				Acquired	uired					Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date Expiration Exercisable Date	Expiration	T:41-	or True N. 1		
							-	Title	Number		
				C-1- V	(A) (D)				of Shares		
				Code V	(A) (I))				Snares		

Reporting Owners

Relationships Reporting Owner Name / Address

> 10% Owner Officer Other Director

MARXE AUSTIN W & GREENHOUSE DAVID M C/O SPECIAL SITUATIONS FUNDS 527 MADISON AVENUE, SUITE 2600 NEW YORK, NY 10022

X

Signatures

Austin W.

Marxe 10/13/2010

**Signature of Date

Reporting Person

David M.

Greenhouse 10/13/2010 **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) This is a weighted average price.
 - This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cay), Special Situations
- Private Equity Fund, L.P. (PE) and Special Situations Life Sciences Fund, L.P. (LS), respectively. 2,182,433 shares of Common Stock are held by QP, 684,500 shares of Common Stock are held by CAY, 579,858 shares of Common Stock are held by PE and 860,109 shares of Common Stock are held by LS. The interest of Marxe and Greenhouse in the shares of Common Stock owned by QP, CAY, PE and LS is limited to the extent of his pecuniary interest.

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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