| SEC Form 4 | |
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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| 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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

| OMB APPROVAL | | | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|--|--|
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| hours per response: | 0.5 | | | | | | | | |

| | | | or Section So(n) of the investment Company Act of 1940 | | | | | | |
|--|---------|--------------|---|--|-----------------------------------|-----------------------|--|--|--|
| ALLBAUGH JOE M (Last) (First) (Middle) 400 NORTH CAPITAL STREET NW | | on* | 2. Issuer Name and Ticker or Trading Symbol Emergent BioSolutions Inc. [EBS] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | |
| | | | | X | Director | 10% Owner | | | |
| | | (<i>'</i> , | 3. Date of Earliest Transaction (Month/Day/Year) 11/20/2006 | | Officer (give title below) | Other (specify below) | | | |
| SUITE 475 | | | | | | · | | | |
| | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indiv | idual or Joint/Group Filing | (Check Applicable | | | |
| (Street) | | | | X | Form filed by One Rep | orting Person | | | |
| WASHINGTON | DC | 20001 | | | Form filed by More that Person | n One Reporting | | | |
| (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) | | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | Beneficially Owned Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
|---------------------------------|--|---|------|---|--|---------------|-------|--|---|---|--|--|
| | | | Code | v | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | | (instr. 4) | | |

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. Transa Code (8) | | 5. Numb Derivati Securiti Acquire Dispose (D) (Inst and 5) | ve es d (A) or ed of | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |
| Director Stock Option (right to buy) | \$10.28 | 06/30/2006 | | A | | 43,156 | | (1) | 06/30/2016 | Class B Common Stock | 43,156 | \$0 | 43,156 | D | |
| Director Stock Option (right to buy) | \$10.28 ⁽²⁾ | 11/20/2006 | | С | | | 43,156 | (3) | 06/30/2016 | Class B Common Stock | 43,156 | \$0 | 0 | D | |
| Director Stock Option (right to buy) | \$10.28 ⁽²⁾ | 11/20/2006 | | С | | 43,156 | | (4) | 06/30/2016 | Common Stock | 43,156 | \$0 | 43,156 | D | |

Explanation of Responses:

1. The option will vest with respect to 14,386 shares of Class B Common Stock covered thereby on June 30, 2007 and will vest with respect to the remaining 28,770 shares in two equal installments on June 30, 2008 and June 30, 2009.

2. The option to purchase Class B Common Stock converted into an option to purchase Common Stock on a 1-for-1 basis.

3. The option was granted on June 30, 2006. The option will vest with respect to 14,386 shares of Class B Common Stock covered thereby on June 30, 2007 and will vest with respect to the remaining 28,770 shares in two equal installments on June 30, 2008 and June 30, 2009.

4. The option will vest with respect to 14,386 shares of Common Stock covered thereby on June 30, 2007 and will vest with respect to the remaining 28,770 shares in two equal installments on June 30, 2008 and June 30, 2009.

/s/Daniel Abdun-Nabi, attorney 11/21/2006

in fact

** Signature of Reporting Person Date

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

* 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.

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 Number.