FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | |
| Estimated average burden | | | | | | | |
| hours per response: | 0.5 | | | | | | |

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 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person* Kazam Joshua A | | | | 2. Issuer Name and Ticker or Trading Symbol Nile Therapeutics, Inc. [NLTX] | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | | | | | |
|---|---|---------------------|---|--|---|---|--|------------------------------|---|----------------|--------------------|---|--------------------------------|--|---|--|---------------------------------|--|--|--|
| (Last) | (First) (Middle) | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 07/07/2009 | | | | | | | | Officer (give title below) | | | | (specify | | |
| C/O TWO RIVER GROUP HOLDINGS, LLC 689 FIFTH AVENUE, 12TH FLOOR | | | | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person | | | | | |
| (Street) NEW YORK | . NY | 10022 | | | | | | | | | | | | | Form filed by More than One Reporting Person | | | | | |
| (City) | (State | e) (2 | Zip) | | | | | | | | | | | | | | | | | |
| | | Т | able I - N | on-D | erivati | ve S | Securitie | es Ac | quired | , Dis | sposed of | f, or Bene | ficially | Owned | | | | | | |
| Date | | | nsaction h/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 | | | Beneficially Owned Following Reported | | | | 7. Nature of Indirect Beneficial Ownership | | | | |
| | | | | | | | | | Code | v | Amount | Amount (A) or (D) | | | Transaction(s) (Instr. 3 and 4) | | | (Instr. 4) | | |
| Common Stock | | | | 07/ | 07/2009 | 7/2009 | | P | | 197,628 A | | (1) | 1,27 | 1,278,228 | |) | | | | |
| Common Stock | | | | | | | | | | | | 613 | 613,841 | | | By Kazam Family Trust | | | | |
| Common Stock | | | | | | | | | | | | 165 | 165,530 | | 1 | By Spouse for Minor Child ⁽²⁾ | | | | |
| Common Stock | | | | | | | | | | | | | | 165 | 165,530 | | [] | By Kash Family Foundation ⁽³⁾ | | |
| | | | Table II | | | | | | | | | or Benefic le securiti | | wned | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | se (Month/Day/Year) | 3A. Deemed Execution I if any (Month/Day | Date, | Code (Inst | | 5. Numb Derivativ Securition Acquired Dispose (D) (Inst and 5) | 6. Date Expirat (Month | ion Da | | | | Derivat | ive deriv y Secu i) Bene Own Follo Repo | wing | 10. Ownersh Form: Direct (D) or Indirec (I) (Instr. | Beneficial Ownership (Instr. 4) | | | |
| | | | | | Code | v | (A) | (D) | Date Exercisable | | Expiration Date | Title | Amour or Numbe of Sha | er | (Inst | | | | | |
| Stock Option (Right to Buy) | \$4.5 | | | | | | | | (4) | (4) 01/25/2018 | | Common Stock | 50,0 | 00 | 50 | | D | | | |
| Stock Option (Right to Buy) | \$0.93 | | | | | | | | (5) | | 12/22/2018 | Common Stock | 25,0 | 00 | | 25,000 | D | | | |
| Warrant (Right to Buy) | \$1.25 | 07/07/2009 | | | P | | 49,407 | | 07/07/2 | 2009 | 07/07/2014 | Common Stock | 49,4 | 07 (1) | | 19,407 | D | | | |
| Warrant (Right to Buy) | \$1.71 | 07/07/2009 | | | P | | 49,407 | | 07/07/2 | 2009 | 07/07/2014 | Common Stock | 49,40 | 07 (1) | | 19,407 | D | | | |
| Warrant (Right to Buy) | \$2.28 | 07/07/2009 | | | P | | 98,814 | | 07/07/2 | 2009 | 07/07/2014 | Common Stock | 98,8 | 14 (1) | ğ | 98,814 | D | | | |
| | | | | | | | | | | | | | | | | | | | | |

Explanation of Responses:

- 1. The reported securities were part of a unit purchase by the Reporting Person at a price of \$1.265 per unit, with each unit consisting of one share of common stock and one warrant to purchase common stock. 25% of the warrants are exercisable at \$1.25 per share, an additional 25% are exercisable at \$1.71 per share, and the remaining 50% are exercisable at \$2.28 per share.
- 2. Held by Reporting Person's spouse as custodian for the benefit of their minor child under the Uniform Gift to Minors Act. The Reporting Person disclaims beneficial ownership of these shares except to the extent of his pecuniary intrest therein, if any, and this report shall not be deemed an admission that the Reporting Person is the beneficial owner of these shares for purposes of Section 16 or any other purpose.
- 3. Reporting Person is Trustee of Foundation.
- 4. The shares subject to the option vest in three equal installments on September 17, 2008, September 17, 2009, and September 17, 2010.
- $5.\,100\%$ of the shares subject to the option shall vest and become exercisable on January $1,\,2010.$

Remarks:

Daron Evan as Attorney-in-Fact for Joshua A, Kazam pursuant to Power-of-Attorney previously filed.

07/09/2009

** 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.