DAVIS A BRIAN Form 4 January 31, 2006

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

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(b).

1. Name and Address of Reporting Person *

DAVIS A BRIAN

(Last)

(City)

1. Title of

Security

(Instr. 3)

(First) (Middle)

102 WITMER ROAD

(Street)

HORSHAM, PA 19044

(State)

(Month/Day/Year)

2. Issuer Name and Ticker or Trading

Symbol

NEOSE TECHNOLOGIES INC [NTEC]

3. Date of Earliest Transaction

(Month/Day/Year) 01/30/2006

4. If Amendment, Date Original

Filed(Month/Day/Year)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 4. Securities 5. Amount of

Execution Date, if (Month/Day/Year)

(Zip)

2. Transaction Date 2A. Deemed

Code (Instr. 8)

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

Reported (A) Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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.

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

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

5. Number of 4. **Transaction**Derivative Securities Code

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amour **Underlying Securit** (Instr. 3 and 4)

1

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

5. Relationship of Reporting Person(s) to

(Check all applicable)

Sr. Vice President and CFO

6. Ownership

Form: Direct

(D) or Indirect Beneficial

6. Individual or Joint/Group Filing(Check

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

(I)

(Instr. 4)

below)

Issuer

below)

Person

Securities

Owned

Beneficially

Following

Director

Applicable Line)

X_ Officer (give title

response... 0.5

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

SEC 1474

(9-02)

Indirect

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Non-Qualified Stock Option (right to buy)	\$ 2.29	01/30/2006		A	35,000		<u>(1)</u>	01/30/2016	Common Stock	35,0
Restricted Stock Unit	\$ 0 (2)	01/30/2006		A	16,155		(2)	(2)	Common	16,1

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

DAVIS A BRIAN 102 WITMER ROAD HORSHAM, PA 19044

Sr. Vice President and CFO

Signatures

By: Scott R. Jones for A. Brian Davis

01/31/2006

**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).
- (1) None of the options are currently exercisable. 8,750 options will become exercisable on each of January 30, 2007, 2008, 2009 and 2010.
 - The award is a restricted stock unit representing a contractual right to the delivery of the above-specified number of shares of the Company's common stock on a future date. The right to the shares vests, based on the continued service of the grantee, in quarterly
- (2) installments over the year following the date of grant, subject to acceleration upon a change in control of the Company. The actual delivery of the shares will occur upon the earliest of (i) cessation of service, (ii) 18 months following the date of grant, or (iii) a change in control of the Company.

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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