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

| 1. Name and Address of Reporting Person* HORAK IVAN D (Last) (First) (Middle) C/O ENZON PHARMACEUTICALS, INC. 685 ROUTE 202/206 (Street) BRIDGEWATER NJ 08807 | | | | | | Issuer Name and Ticker or Trading Symbol ENZON PHARMACEUTICALS INC [ENZN] Date of Earliest Transaction (Month/Day/Year) 11/23/2005 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer Check all applicable) Director 10% Owner X Officer (give title Other (specify below) below) EVP-R&D & Chief Scien. Officer 5. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting | | | | | wner specify cer pplicable |
|--|--|------------|----------|----------|-------------|---|---------|---|-------------------------------------|---|-----------------|---|--|--|-------|--|---|--|----------------------------|
| (City) | | | | | | | | | | | | | | Person | | | | | |
| | | Tab | le I - N | on-Deriv | ative S | Sec | urities | Ac | quired, D | ispo | sed o | of, or Be | enefici | ally O | wne | d | | | |
| 1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day | | | | | Exe if a | . Deemed ecution Date, any onth/Day/Year) | | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired Disposed Of (D) (Instr. and 5) | | | 4 S B | Securities Beneficially Owned | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | |
| | | | | | | | | Code | v . | Amoun | ount (A) or (D) | | e R | | | | | (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) | Derivative Conversion Date Execution Date, Security or Exercise (Month/Day/Year) if any | | | on Date, | Code (In | Fransaction of Code (Instr. Derivati | | | Expiration Date (Month/Day/Year) | | | d 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | 8. Pri of Deriv Secu (Instr | ative | 9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | y | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership |
| | | | | | Code | v | (A) | (D) | Date Exercisable | | iration | Title | Amount or Number of Shares | | | | | | |
| Employee Stock Option (Right to Buy) ⁽¹⁾ | \$6.97 | 11/23/2005 | | | A | | 35,000 | | (2) | 11/2 | 23/2015 | Common Stock | 35,000 | \$ | 0 | 35,000 | | D | |
| Restricted Stock Unit ⁽³⁾ | \$0 | 11/23/2005 | | | A | | 7,500 | | (4) | | (4) | Common Stock | 7,500 | \$ | 0 | 7,500 | | D | |

Explanation of Responses:

- 1. Employee stock option granted by Issuer pursuant to its 2001 Incentive Stock Option Plan and qualified under Rule 16b-3(d).
- 2. The option vests in four equal annual installments beginning on November 23, 2006.
- 3. Restricted stock units granted by Issuer pursuant to its 2001 Incentive Stock Plan and qualified under Rule 16b-3(d).
- 4. Of the 7,500 units granted, 2,250 will vest on November 23, 2008, 2,250 on November 23, 2009, and 3,000 on November 23, 2010.

/s/ Lawrence R. Miller (Attorney in Fact) 11/23/2005

** 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.