FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden
hours per response. . .0.5

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| 1. Name and Address of Reporting Person*
 Dorr F. Andrew

 (Last) (First) (Middle)
 2292 Faraday Avenue

 (Street)
 Carlsbad, CA 92008

 (City) (State) (Zip) | 2. Issuer Name **and** Ticker or Trading Symbol
 Isis Pharmaceuticals, Inc. (ISIS)

 3. I.R.S. Identification Number of Reporting Person, if an entity (voluntary) | 4. Statement for Month/Day/Year
 10/25/02

 5. If Amendment, Date of Original (Month/Day/Year) | 6. Relationship of Reporting Person(s) to Issuer (Check all applicable)
 _ Director _ 10% Owner
 X Officer (give title below) _ Other (specify below)
 Vice President

 7. Individual or Joint/Group Filing (Check Applicable Line)
 X Form filed by One Reporting Person
 _ Form filed by More than One Reporting Person |

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)	3. Transaction Code (Instr. 8) Code	V	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 & 5) Amount	(A) or (D)	Price	5. Amount of Securities Beneficially Owned Following Reported Transactions(s) (Instr. 3 & 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	10/25/02	10/25/02	M		7000	A	$6.81			
Common Stock	10/25/02	10/25/02	S[(1)]		7000	D	$9.395	38	D	

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).

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

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FORM 4 (continued)

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 Excercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8) Code	V	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 & 5) (A)	(D)	6. Date Exercisable and Expiration Date (Month/Day/Year) Date Exercisable	Expiration Date	7. Title and Amount of Underlying Securities (Instr. 3 & 4) Title	Amount or Number of Shares	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
Employee Stock Option (right to buy)	$6.81	10/25/02	10/25/02	M			7000	1/1/02	12/31/02	Common Stock	7000		1,000	D	

Explanation of Responses:

[(1)] The sale reported in this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 19, 2002.

By: /s/ **F. Andrew Dorr**   **10/25/02**
     F. Andrew Dorr   Date
     **Signature of Reporting Person

**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.