UNISOURCE ENERGY CORP

Form 4

March 30, 2005

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 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. Name and Address of Reporting Person [*]	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer
NELSON DENNIS R	UNISOURCE ENERGY CORP [UNS]	(Check all applicable)
(Last) (First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year)	_____ Director _____ 10% Owner __X__ Officer (give title _____ Other (specify below) below)
1 S. CHURCH AVENUE, UE183	03/30/2005	Sr Vice President
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person ___ Form filed by More than One Reporting Person
TUCSON, AZ 85701		
(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)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			

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

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

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Am Underlying Secu (Instr. 3 and 4)

(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	A or N of
Phantom Stock Units [1]	$ 0 [3]	06/10/2004	A		14.082		08/08/1988[1][2]	08/08/1988[2]	Common Stock	1

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
NELSON DENNIS R 1 S. CHURCH AVENUE UE183 TUCSON, AZ 85701			Sr Vice President	

Signatures

Vincent Nitido, Jr., Attorney in Fact	03/30/2005
**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)   Credited as fully-vested dividend equivalents under the UniSource Energy Corporation Management and Directors Deferred Compensation Plan (the "DCP") with respect to dividends declard by the issuer on its Common Stock.

(2)   Payable at the time or times elected by the reporting person under the DCP and subject to earlier payment in accordance with the DCP.

(3)   Converts to common stock on a 1-for-1 basis.

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.