

UNISOURCE ENERGY CORP
 Form 4
 May 20, 2005

FORM 4

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

OMB APPROVAL

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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 *
 NICHOLS CATHERINE A

2. Issuer Name and Ticker or Trading Symbol
 UNISOURCE ENERGY CORP
 [UNS]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 1 S. CHURCH AVENUE, UE183
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 05/20/2005

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Corporate Secretary

TUCSON, AZ 85701

4. If Amendment, Date Original Filed(Month/Day/Year)

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

(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 Ownership (Instr. 4)			
			Code	V	Amount	(A) or (D)	Price			
Common Stock	05/18/2005		M		326	A	\$ 15.56	326	I	By husband
Common Stock	05/18/2005		S		326	D	\$ 28.61	0	I	By husband
Common Stock	05/18/2005		M		6,050	A	\$ 12.28	6,050	I	By husband
Common Stock	05/18/2005		S		6,050	D	\$ 28.61	0	I	By husband

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

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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 Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 15.56	05/18/2005		M	326	<u>(1)</u> 07/09/2008	Common Stock	326
Employee Stock Option (right to buy)	\$ 12.28	05/18/2005		M	6,050	<u>(2)</u> 07/16/2009	Common Stock	6,050

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
NICHOLS CATHERINE A 1 S. CHURCH AVENUE UE183 TUCSON, AZ 85701			Corporate Secretary	

Signatures

Vincent Nitido,
Jr. 05/20/2005

**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) The options vested in 3 equal installments on July 9, 1999, 2000 and 2001

(2) The options vested in three equal installments on July 16, 2000, 2001 and 2002

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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