JOBE WARREN Y Form 4

December 31, 2009

Check this box

if no longer

subject to

Section 16.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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January 31, 2005

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response...

Form 4 or Form 5 obligations may continue.

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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * JOBE WARREN Y

2. Issuer Name and Ticker or Trading

Issuer

below)

Symbol

UNISOURCE ENERGY CORP

(Check all applicable)

5. Relationship of Reporting Person(s) to

[UNS]

(Month/Day/Year)

12/29/2009

(Last) (First) 3. Date of Earliest Transaction

X_ Director Officer (give title

10% Owner Other (specify

1 S. CHURCH AVENUE, SUITE

(Street)

201

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

(Middle)

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

(I)

(Instr. 4)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

TUCSON, AZ 85701

(City)

1. Title of

Security

(Instr. 3)

(State) (Zip) 2. Transaction Date 2A. Deemed

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or 5. Amount of Securities Beneficially

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial

(Month/Day/Year)

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

Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

> Following Reported

Owned

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

(A)

or

SEC 1474

(9-02)

Ownership (Instr. 4)

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

5. Number 6. Date Exercisable and **Expiration Date**

7. Title and Amount of 8. Pri Underlying Securities

Deriv

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code Derivative (Instr. 8) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)		Secur (Instr	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Dividend Equivalent Rights	<u>(1)</u>	12/29/2009		A	62.2		<u>(1)</u>	(1)	Common Stock	62.2	\$

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			
JOBE WARREN Y 1 S. CHURCH AVENUE SUITE 201 TUCSON, AZ 85701	X						

Signatures

Amy J. Welander, Attorney in Fact 12/31/2009

**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) Deferred Shares issuable pursuant to dividend equivalent rights on outstanding equity awards will be paid in stock at a future time in accordance with an election made by the Director at the time of the original equity award.

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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