SPIRE CORP Form 4 October 03, 2005

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 *

REDMOND ROGER

(First) (Middle) (Last)

C/O SPIRE CORPORATION, ONE

PATRIOTS PARK

(Street)

2. Issuer Name and Ticker or Trading

Symbol

SPIRE CORP [SPIR]

3. Date of Earliest Transaction

(Month/Day/Year)

09/30/2005

4. If Amendment, Date Original

Filed(Month/Day/Year)

Applicable Line)

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

Officer (give title

Issuer

below)

X_ Director

(State)

BEDFORD, MA 01730

(Instr. 3)

(City) (Zip)

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year)

Execution Date, if (Month/Day/Year)

3. 4. Securities Code

TransactionAcquired (A) or Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

(A) or

Code V Amount (D) Price

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 6. Ownership Securities Form: Direct Beneficially (D) or Indirect Beneficial

Owned (I) Following Reported

Ownership (Instr. 4) (Instr. 4)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

(Check all applicable)

10% Owner

Other (specify

7. Nature of

Indirect

Estimated average

burden hours per

Transaction(s) (Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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 3A. Deemed

(Month/Day/Year) Execution Date, if any

4. 5. Number Transaction of Derivative Expiration Date Code Securities

6. Date Exercisable and

(Month/Day/Year)

7. Title and Ame Underlying Secu (Instr. 3 and 4)

Edgar Filing: SPIRE CORP - Form 4

(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(A E (I (I		Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	A on N of Sl
Non-Incentive Stock Option (right to buy)	\$ 10.74	09/30/2005		A		1,250		09/30/2006(1)	09/30/2015	Common Stock]

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			

REDMOND ROGER C/O SPIRE CORPORATION ONE PATRIOTS PARK BEDFORD, MA 01730

X

Signatures

Roger W. 10/03/2005 Redmond

**Signature of Date
Reporting Person

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).

Deletionships

(1) The option is exercisable in annual increments of 25% of the option shares, with the first quarter increment becoming exercisable on the date in this column.

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.

Reporting Owners 2