SPIRE Corp Form 4 October 15, 2014

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

2005 Estimated average burden hours per response... 0.5

obligations may continue. See Instruction

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(b).

1. Name and Address of Reporting Person * LITTLE ROGER G

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

3235-0287

January 31,

OMB

Number:

Expires:

Symbol

(First) (Middle) (Last)

SPIRE Corp [SPIR] 3. Date of Earliest Transaction

(Check all applicable)

C/O SPIRE CORPORATION, ONE

(Month/Day/Year) 10/10/2014

_X__ Director _X__ 10% Owner __ Other (specify Officer (give title below)

(Street)

PATRIOTS PARK

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

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

6. Individual or Joint/Group Filing(Check

BEDFORD, MA 01730

value

(City)	(State) (Z	Zip) Table	e I - Non-D	erivative Securities	Acquired, Disposed	of, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities onAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Pri	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)
Common Stock, \$0.01 par value					2,983,446 (1)	D	
Common Stock, \$0.01 par value					18,914	I	Held by 401(k) Plan
Common Stock, \$0.01 par					5,069	I	Held by 401(k) Plan by

spouse

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

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SEC 1474 (9-02)

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. Transactio Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D	Date Exercisable	Expiration Date	Title	Amour Numbe Shares
Warrant (right to buy)	\$ 0.276	10/10/2014		A	1,000,000	10/10/2014	10/10/2019	Common Stock	1,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
•	Director	10% Owner	Officer	Other		
LITTLE ROGER G						
C/O SPIRE CORPORATION	X	X				
ONE PATRIOTS PARK	Λ	Λ				
BEDFORD, MA 01730						

Signatures

Roger G. Little 10/15/2014

**Signature of 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) Includes 2,109,305 shares of common stock in the Roger G. Little Family Trust of which Mr. Little is the primary beneficiary.
- (2) The Reporting Person acquired this warrant in connection with the transactions contemplated by that certain Note Purchase and Assignment Agreement to be filed by the Issuer with the Securities and Exchange Commission on Form 8-K.

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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