SPIRE Corp Form 4 March 30, 2015

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

Issuer

January 31, 2005

0.5

Estimated average burden hours per

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

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

2. Issuer Name and Ticker or Trading

Symbol

1(b).

(Print or Type Responses)

LITTLE MARK C

1. Name and Address of Reporting Person *

			SPIRE Corp [SPIR]			(Check all applicable)				
(Last) (First) (Middle) C/O SPIRE CORPORATION, ONE PATRIOTS PARK		3. Date of Earliest Transaction (Month/Day/Year) 03/26/2015					X Director 10% Owner Officer (give title below) Other (specify below)			
	(Street)			If Amendment, Date Original ed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
BEDFORD, MA 01730							Form filed by More than One Reporting Person			
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								ally Owned		
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)	Execution any	emed on Date, if Day/Year)	3. Transactic Code (Instr. 8)	4. Securio onAcquired Disposed (Instr. 3,	l (A) o)	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)
Stock, \$0.01 par value								94,970	D	
Common Stock, \$0.01 par value								6,315	I	Held by spouse
Common Stock, \$0.01 par value								5,390	I	Held as custodian for son

Common Stock, \$0.01 par

value

Held by I 9,384 401(k) Plan

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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Non-Qualified Stock Option	\$ 0.3	03/26/2015		A	2,000	03/26/2015	03/26/2025	Common Stock	2,0

Reporting Owners

Reporting Owner Name / Address	Relationships					
Topolong of the Fund of Fund of	Director	10% Owner	Officer	Other		
LITTLE MARK C						
C/O SPIRE CORPORATION	X					
ONE PATRIOTS PARK	Λ					
BEDFORD, MA 01730						

Signatures

(right to buy)

Mark C. Little 03/30/2015 **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).

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

Reporting Owners 2

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