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 Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

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

may continue.

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 See Instruction

2. Issuer Name and Ticker or Trading

Symbol

(Middle)

SPIRE Corp [SPIR]

3 Date of Farliest Transaction

1(b).

(Print or Type Responses)

LITTLE MARK C

(Last)

1. Name and Address of Reporting Person *

(Last)	(First) (M	iddle)	3. Date of	Earliest Tra	ansaction				
			(Month/Day/Year)				_X_ Director		% Owner
C/O SPIRE	C/O SPIRE CORPORATION, ONE		03/26/2015				Officer (gives below)		her (specify
PATRIOTS	PATRIOTS PARK			03/20/2013				below)	
	(Street)		4. If Amer	ndment, Da	te Original		6. Individual or	Joint/Group Fil	ing(Check
				th/Day/Year)	_		Applicable Line)	•	
			`	•			_X_ Form filed by	y One Reporting F	Person
BEDFORD,	MA 01730						Form filed by Person	More than One R	Reporting
(City)	(State) (Zip)	Table	e I - Non-D	erivative S	Securities Ac	cquired, Disposed	of, or Beneficia	ally Owned
1.Title of	2. Transaction Date	2A. Dee	med	3.	4. Securi	ties	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution	on Date, if	Transactio	nAcquired	(A) or	Securities	Form: Direct	Indirect
(Instr. 3)		any		Code	Disposed	of (D)	Beneficially	(D) or	Beneficial
		(Month/	Day/Year)	(Instr. 8)	(Instr. 3,	4 and 5)	Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
						(A)	Reported		
						or	Transaction(s)		
				Code V	Amount	(D) Price	(Instr. 3 and 4)		
Common									
Stock,									
\$0.01 par							94,970	D	
*									
value									
Common									
Stock,							6.015		Held by
\$0.01 par							6,315	I	spouse
value									Бро ц ье
varue									
Common									Held as
Stock,							5 200	т	
\$0.01 par							5,390	I	custodian
value									for son
, aruc									

Common Stock, \$0.01 par

value

Held by Ι 9,384 401(k) Plan

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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Execution Date, if Transaction Deri any Code Security (Month/Day/Year) (Instr. 8) Acquire (A) or Dispose (D)		Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,	ive 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 Shar
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						
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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