SPIRE CORP Form 4 October 06, 2008

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or Form 5

January 31, Expires: 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Estimated average burden hours per response... 0.5

SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(City)

(State)

(Zip)

(Print or Type Responses)

Name and Address of Reporting Person * REDMOND ROGER	2. Issuer Name and Ticker or Trading Symbol SPIRE CORP [SPIR]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) (Middle)	3. Date of Earliest Transaction			
C/O SPIRE CORPORATION, ONE PATRIOTS PARK	(Month/Day/Year) 10/03/2008	X_ Director 10% Owner Officer (give title Other (specification) below)		
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)		
BEDFORD, MA 01730-2396		_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative S	Securi	ties Ac	quired, 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. Transaction Code (Instr. 8)	4. SecurionAcquired Disposed (Instr. 3,	d (A) o))	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(IIIsti. 4)	(IIISU: +)
Common Stock, \$0.01 par value	10/03/2008		S	2,500	D	\$ 15 (1)	5,000	D	

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)

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1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative		•		Securities	3		(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(2.11541
					4, and 5)						
					i, and 3)						
									Amount		
						Data	Evaluation		or		
						Date	Expiration	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 8	Director	10% Owner	Officer	Other			
REDMOND ROGER C/O SPIRE CORPORATION ONE PATRIOTS PARK BEDFORD, MA 01730-2396	X						

Signatures

Reporting Person

Roger W.
Redmond

**Signature of 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) Price is based on weighted average of sale price.

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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