

SPIRE CORP
Form SC 13G/A
February 10, 2009

=====

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934
Information statement pursuant to Rule 13d-1 and 13d-2

(Amendment No. 10) *

SPIRE CORPORATION

(Name of Issuer)

Common Stock, 0.01 par value per share

(Title of Class of Securities)

848565 10 7

(CUSIP Number)

December 31, 2008

Date of Event Which Requires Filing of this Statement

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Edgar Filing: SPIRE CORP - Form SC 13G/A

Page 1 of 5

=====
CUSIP NO. 848565 10 7
=====

13G

=====
PAGE 2 OF 5
=====

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Roger G. Little

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a)
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5 SOLE VOTING POWER

2,138,205

NUMBER OF SHARES
BENEFICIALLY OWNED BY

6 SHARED VOTING POWER

0

EACH REPORTING PERSON WITH

7 SOLE DISPOSITIVE POWER

2,138,205

8 SHARED DISPOSITIVE POWER

0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,138,205

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
(SEE INSTRUCTIONS)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

25.7%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IN

=====
CUSIP NO. 848565 10 7
=====

13G

=====
PAGE 3 OF 5
=====

Edgar Filing: SPIRE CORP - Form SC 13G/A

ITEM 1.

(a) Name of Issuer

Spire Corporation

(b) Address of Issuer's Principal Executive Offices

One Patriots Park
Bedford, Massachusetts 01730-2396

ITEM 2.

(a) Name of Person Filing

Roger G. Little

(b) Address of Principal Business Office, or, if None, Residence

One Patriots Park, Bedford, Massachusetts 01730-2396

(c) Citizenship

United States

(d) Title of Class of Securities

Common Stock, \$0.01 par value per share

(e) CUSIP Number

848565 10 7

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13d-1(b) or 13d-2(b), CHECK WHETHER THE PERSON FILING IS A:

- (a) Broker or dealer registered under Section 15 of the Act.
- (b) Bank as defined in Section 3(a)(6) of the Act.
- (c) Insurance company as defined in Section 3(a)(19) of the Act.
- (d) Investment company registered under Section 8 of the Investment Company Act of 1940.
- (e) An investment advisor registered under Section 203 of the Investment Advisors Act of 1940.
- (f) An employee benefit plan, pension fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or endowment fund; see Rule 13d-1(b)(1)(ii)(F).
- (g) A parent holding company or control person in accordance with Rule 13d-1(b)(ii)(G); see Item 7.
- (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940.
- (j) Group, in accordance with Rule 13d-1(b)(1)(ii)(H).

=====
CUSIP NO. 848565 10 7
=====

13G

=====
PAGE 4 OF 5
=====

Edgar Filing: SPIRE CORP - Form SC 13G/A

correct.

Date: February 10, 2009

Signature: /s/ Roger G. Little

Name: Roger G. Little
Title: Chairman & CEO