FUEL TECH, INC. Form 4 May 26, 2010

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations

may continue. See Instruction 1(b).

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. Name and Address of Reporting Person * **BAILEY RALPH E**

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Middle)

FUEL TECH, INC. [FTEK] 3. Date of Earliest Transaction

(Check all applicable)

(Last) (First)

(Month/Day/Year) 05/24/2010

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

Emeritus Chairman

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

STAMFORD, CT 06902

120 LONG RIDGE ROAD

| (City) | (State) | (Zip) Tab | le I - Non-l | Derivative Sec | curities | s Acqui | red, Disposed of, | or Beneficial | ly 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 oner Disposed (Instr. 3, 4 and Amount | of (D) | red (A) | 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 | 05/24/2010 | | <u>J(1)</u> | 497,444 | A | \$ 0 | 0 | I | See footnote (1) |
| Common Stock | 05/24/2010 | | G(2) | 1,000,000 | D | \$0 | 1,000,000 | I | See footnote (2) |
| Common Stock | | | | | | | 3,562,400 (3) | I | See footnote (3) |
| Common Stock | | | | | | | 125,980 | I | Owned jointly |

with Spouse

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Common Stock 50,000 I Owned by Spouse

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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) | 4. Transactic Code (Instr. 8) | 5. orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) |
|---|---|--------------------------------------|--|--|--|--------------------|---|--|---|
| | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|---------------------------------------|---------------|-----------|-------------------|-------|--|--|--|
| | Director | 10% Owner | Officer | Other | | | |
| BAILEY RALPH E 120 LONG RIDGE ROAD | X | | Emeritus Chairman | | | | |
| STAMFORD, CT 06902 | | | | | | | |

Signatures

Ralph E. Bailey 05/26/2010

**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).
- (1) This transation represents the substitution by the reporting person of a promissory note for the shares held by the reporting person's grantor retained annuity trust (the "2009 GRAT").

Reporting Owners 2

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- (2) These shares were transferred to a grantor retained annuity trust ("2010 GRAT").
- (3) Held 100% by a family limited liability company the interests in which Company are owned 50% by the reporting person and 50% by the spouse of the reporting person. The reporting person holds 100% of the voting power over these Fuel Tech shares.

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.