

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. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

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

(Last) (First) (Middle)  
  
120 LONG RIDGE ROAD  
  
(Street)

STAMFORD, CT 06902

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**FUEL TECH, INC. [FTEK]**

3. Date of Earliest Transaction (Month/Day/Year)  
**05/24/2010**

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Emeritus Chairman

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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		J <sup>(1)</sup>	497,444 A	\$ 0 0	I	See footnote (1)
Common Stock	05/24/2010		G <sup>(2)</sup>	1,000,000 D	\$ 0 1,000,000	I	See footnote (2)
Common Stock					3,562,400 <sup>(3)</sup>	I	See footnote (3)
Common Stock					125,980	I	Owned jointly

Common Stock		50,000	I	with Spouse  Owned by Spouse
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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. Transaction Code (Instr. 8)	5. Number of Derivative 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)	9. Number of Derivative Securities Beneficially Owned (Instr. 5)
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## Reporting Owners

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

## 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 transaction 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").

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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.

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