

FUEL TECH, INC.  
Form 10-Q  
August 10, 2009

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

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2009

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number: 001-33059

FUEL TECH, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation of organization)

20-5657551

(I.R.S. Employer Identification Number)

Fuel Tech, Inc.  
27601 Bella Vista Parkway  
Warrenville, IL 60555-1617  
630-845-4500

(Address and telephone number of principal executive offices)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer or a non-accelerated filer (as defined in rule 12b-2 under the Securities Exchange Act of 1934)

Large Accelerated Filer  Accelerated Filer  Non-accelerated Filer

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes  No

As of July 31, 2009 there were outstanding 24,133,967 shares of Common Stock, par value \$0.01 per share, of the registrant.



FUEL TECH, INC.  
Form 10-Q for the six-month period ended June 30, 2009

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## PART I. FINANCIAL INFORMATION

## Item 1. Financial Statements

FUEL TECH, INC.  
CONDENSED CONSOLIDATED BALANCE SHEETS  
(in thousands, except share and per-share data)

|  | June 30,<br>2009<br>(Unaudited) | December 31,<br>2008<br>(Note B) |
|--|---------------------------------|----------------------------------|
| <b>Assets</b>  |                                 |                                  |
| <b>Current assets:</b>   |                                 |                                  |
| Cash and cash equivalents  | \$ 6,652                        | \$ 28,149                        |
| Restricted cash  | 5,525                           | -                                |
| Accounts receivable, net of allowance for doubtful accounts of \$79 and \$80, respectively                         | 21,418                          | 23,365                           |
| Inventories  | 330                             | 1,014                            |
| Deferred income taxes  | 815                             | 767                              |
| Prepaid expenses and other current assets  | 4,337                           | 4,718                            |
| <b>Total current assets</b>  | <b>39,077</b>                   | <b>58,013</b>                    |
| Equipment, net of accumulated depreciation of \$13,599 and \$12,588, respectively                                  | 17,083                          | 17,515                           |
| Goodwill   | 21,365                          | 5,158                            |
| Other intangible assets, net of accumulated amortization of \$2,367 and \$1,504, respectively                      | 7,149                           | 2,543                            |
| Deferred income taxes  | 3,521                           | 2,412                            |
| Other assets   | 2,793                           | 3,232                            |
| <b>Total assets</b>  | <b>\$ 90,988</b>                | <b>\$ 88,873</b>                 |
| <b>Liabilities and Stockholders' Equity</b>  |                                 |                                  |
| <b>Current liabilities:</b>  |                                 |                                  |
| Short-term debt  | \$ 2,191                        | \$ 2,188                         |
| Accounts payable   | 4,816                           | 8,196                            |
| Accrued liabilities  | 5,681                           | 3,283                            |
| <b>Total current liabilities</b>   | <b>12,688</b>                   | <b>13,667</b>                    |
| Other liabilities  | 2,927                           | 1,389                            |
| <b>Total liabilities</b>   | <b>15,615</b>                   | <b>15,056</b>                    |
| <b>Stockholders' equity:</b>   |                                 |                                  |
| Common stock, \$.01 par value, 40,000,000 shares authorized, 24,133,967 and 24,110,967 shares issued, respectively | 241                             | 241                              |
| Additional paid-in capital   | 121,949                         | 118,588                          |
| Accumulated deficit  | (47,120)                        | (45,280)                         |
| Accumulated other comprehensive income   | 222                             | 187                              |
| Nil coupon perpetual loan notes  | 81                              | 81                               |
| <b>Total stockholders' equity</b>  | <b>75,373</b>                   | <b>73,817</b>                    |
| <b>Total liabilities and stockholders' equity</b>  | <b>\$ 90,988</b>                | <b>\$ 88,873</b>                 |

See notes to condensed consolidated financial statements.



FUEL TECH, INC.  
CONDENSED CONSOLIDATED STATEMENTS OF INCOME  
(Unaudited)  
(in thousands, except share and per-share data)

|  | Three Months Ended<br>June 30 |            | Six Months Ended<br>June 30 |            |
|--|-------------------------------|------------|-----------------------------|------------|
|  | 2009                          | 2008       | 2009                        | 2008       |
| Revenues   | \$ 18,922                     | \$ 18,791  | \$ 36,239                   | \$ 39,258  |
| Costs and expenses:                                      |                               |            |                             |            |
| Cost of sales  | 10,378                        | 9,833      | 21,752                      | 20,502     |
| Selling, general and administrative                      | 8,876                         | 7,413      | 17,130                      | 14,392     |
| Research and development                                 | 77                            | 909        | 231                         | 1,464      |
|  | 19,331                        | 18,155     | 39,113                      | 36,358     |
| Operating (loss) income                                  | (409)                         | 636        | (2,874)                     | 2,900      |
| Interest expense   | (26)                          | (16)       | (56)                        | (62)       |
| Interest income  | 7                             | 189        | 23                          | 465        |
| Other (expense) income                                   | (38)                          | (52)       | (162)                       | 84         |
| (Loss) income before taxes                               | (466)                         | 757        | (3,069)                     | 3,387      |
| Income tax benefit (expense)                             | 188                           | (310)      | 1,229                       | (1,307)    |
| Net (loss) income  | \$ (278)                      | \$ 447     | \$ (1,840)                  | \$ 2,080   |
| Net (loss) income per Common Share:                      |                               |            |                             |            |
| Basic  | \$ (0.01)                     | \$ 0.02    | \$ (0.08)                   | \$ 0.09    |
| Diluted  | \$ (0.01)                     | \$ 0.02    | \$ (0.08)                   | \$ 0.08    |
| Weighted-average number of Common Shares<br>outstanding: |                               |            |                             |            |
| Basic  | 24,126,000                    | 23,951,000 | 24,119,000                  | 23,186,000 |
| Diluted  | 24,126,000                    | 24,698,000 | 24,119,000                  | 24,589,000 |

See notes to condensed consolidated financial statements.

FUEL TECH, INC.  
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS  
(Unaudited)  
(in thousands)

|  | Six Months Ended<br>June 30 |           |
|--|-----------------------------|-----------|
|  | 2009                        | 2008      |
| <b>Operating activities</b>                              |                             |           |
| Net cash provided by operating activities                | \$ 4,691                    | \$ 3,307  |
| <b>Investing activities</b>                              |                             |           |
| Acquisition of business                                  | (19,328)                    | -         |
| Increase in restricted cash                              | (5,525)                     | -         |
| Sales of short-term investments                          | -                           | 1,998     |
| Purchases of property, equipment and intangible assets   | (1,540)                     | (7,819)   |
| Net cash used in investing activities                    | (26,393)                    | (5,821)   |
| <b>Financing activities</b>                              |                             |           |
| Proceeds from short-term borrowings                      | 3                           | 132       |
| Issuance of deferred shares                              | 43                          | 36        |
| Proceeds from exercise of stock options and warrants     | 124                         | 331       |
| Excess tax benefit for stock-based compensation          | -                           | 392       |
| Net cash provided by financing activities                | 170                         | 891       |
| Effect of exchange rate fluctuations on cash             | 35                          | 109       |
| Net decrease in cash and cash equivalents                | (21,497)                    | (1,514)   |
| Cash and cash equivalents at beginning of period         | 28,149                      | 30,473    |
| Cash and cash equivalents at end of period               | \$ 6,652                    | \$ 28,959 |
| <b>Supplemental disclosure of cash flow information:</b> |                             |           |
| Increase in contingent consideration payable             | \$ 2,307                    | \$ -      |

See notes to condensed consolidated financial statements.

FUEL TECH, INC.  
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS  
June 30, 2009  
(Unaudited)  
(in thousands, except share and per-share data)

Note A: Nature of Business

Fuel Tech, Inc. ("Fuel Tech" or the "Company") is a fully integrated company that uses a suite of advanced technologies to provide boiler optimization, efficiency improvement and air pollution reduction and control solutions to utility and industrial customers worldwide. Originally incorporated in 1987 under the laws of the Netherlands Antilles as Fuel-Tech N.V., Fuel Tech became domesticated in the United States on September 30, 2006, and continues as a Delaware corporation with its corporate headquarters at 27601 Bella Vista Parkway, Warrenville, Illinois, 60555-1617. Fuel Tech maintains an Internet website at [www.ftek.com](http://www.ftek.com). Fuel Tech's annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and any amendments to those reports filed or furnished pursuant to Section 13(a) of the Securities Exchange Act of 1934 are made available through its website as soon as reasonably practical after the Company electronically files or furnishes the reports to the Securities and Exchange Commission. Also available on the Company's website are the Company's Corporate Governance Guidelines and Code of Ethics and Business Conduct, as well as the charters of the Audit and Compensation & Nominating committees of the Board of Directors. All of these documents are available in print without charge to stockholders who request them. Information on Fuel Tech's website is not incorporated into this report.

Fuel Tech's special focus is the worldwide marketing of its nitrogen oxide (NO<sub>x</sub>) reduction and FUEL CHEM® processes. The Air Pollution Control (APC) technology segment reduces NO<sub>x</sub> emissions in flue gas from boilers, incinerators, furnaces and other stationary combustion sources by utilizing combustion optimization techniques and Low-NO<sub>x</sub> and Ultra Low-NO<sub>x</sub> burners; over-fire air systems, NO<sub>x</sub>OUT® and HERT™ High Energy Reagent Technology™ SNCR systems; systems that incorporate NO<sub>x</sub>OUT CASCADE®, ULTRA™ and NO<sub>x</sub>OUT-SCR® processes; and Ammonia Injection Grids (AIG) and the Graduated Straightening Grid (GSG). The FUEL CHEM technology segment improves the efficiency, reliability and environmental status of combustion units by controlling slagging, fouling and corrosion, as well as the formation of sulfur trioxide, ammonium bisulfate, particulate matter (PM<sub>2.5</sub>), carbon dioxide, NO<sub>x</sub> and unburned carbon in fly ash through the addition of chemicals into the fuel or via TIFI™ Targeted In-Furnace Injection™ programs. Fuel Tech has other technologies, both commercially available and in the development stage, all of which are related to APC and FUEL CHEM processes or are similar in their technological base. Fuel Tech's business is materially dependent on the continued existence and enforcement of worldwide air quality regulations.

Note B: Basis of Presentation

The accompanying unaudited, condensed consolidated financial statements have been prepared in accordance with generally accepted accounting principles for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by accounting principles generally accepted in the United States for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring accruals) considered necessary for a fair presentation of the balance sheet and results of operations for the periods covered have been included and all significant intercompany transactions and balances have been eliminated. The results of operations of all acquired businesses have been consolidated for all periods subsequent to the date of acquisition.

The balance sheet at December 31, 2008 has been derived from the audited financial statements at that date, but does not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements.



For further information, refer to the consolidated financial statements and footnotes thereto included in Fuel Tech's Annual Report on Form 10-K for the year ended December 31, 2008 as filed with the Securities and Exchange Commission.

## Note C: Revenue Recognition Policy

Revenues from the sales of chemical products are recorded when title transfers, either at the point of shipment or at the point of destination, depending on the contract with the customer.

Fuel Tech uses the percentage of completion method of accounting for equipment construction and license contracts. Under the percentage of completion method, revenues are recognized as work is performed based on the relationship between actual construction costs incurred and total estimated costs at completion. Revisions in completion estimates and contract values in the period in which the facts giving rise to the revisions become known can influence the timing of when revenues are recognized under the percentage of completion method of accounting. Provisions are made for estimated losses on uncompleted contracts in the period in which such losses are determined. As of June 30, 2009 and December 31, 2008, the Company had no construction contracts in progress that were identified as loss contracts.

Accounts receivable includes unbilled receivables, representing revenues recognized in excess of billings on uncompleted contracts under the percentage of completion method of accounting. At June 30, 2009 and December 31, 2008, unbilled receivables on all projects were approximately \$7,352 and \$6,311, respectively. Such amounts are included in accounts receivable on the condensed consolidated balance sheets. Billings in excess of costs and estimated earnings on uncompleted contracts were \$986 and \$1,223 at June 30, 2009 and December 31, 2008, respectively. Such amounts are included in other accrued liabilities on the condensed consolidated balance sheets.

## Note D: Earnings per Share Data

Basic earnings per share excludes the dilutive effects of stock options and warrants and of the nil coupon non-redeemable convertible unsecured loan notes. Diluted earnings per share includes the dilutive effect of stock options and warrants and of the nil coupon non-redeemable convertible unsecured loan notes. The following table sets forth the weighted-average shares used in calculating the earnings per share for the three- and six-month periods ended June 30, 2009 and 2008:

|                                    | Three Months Ended<br>June 30, |        | Six Months Ended<br>June 30, |        |
|------------------------------------|--------------------------------|--------|------------------------------|--------|
|                                    | 2009                           | 2008   | 2009                         | 2008   |
| Basic weighted-average shares      | 24,126                         | 23,951 | 24,119                       | 23,186 |
| Conversion of unsecured loan notes | -                              | 45     | -                            | 45     |
| Unexercised options and warrants   | -                              | 702    | -                            | 1,358  |
| Diluted weighted-average shares    | 24,126                         | 24,698 | 24,119                       | 24,589 |

## Note E: Total Comprehensive (Loss) Income

Total comprehensive income for Fuel Tech is comprised of net income and the impact of foreign currency translation as follows:

|                              | Three Months Ended<br>June 30, |        | Six Months Ended<br>June 30, |          |
|------------------------------|--------------------------------|--------|------------------------------|----------|
|                              | 2009                           | 2008   | 2009                         | 2008     |
| Comprehensive income:        |                                |        |                              |          |
| Net (loss) income            | \$ (278)                       | \$ 447 | \$ (1,840)                   | \$ 2,080 |
| Foreign currency translation | 50                             | 18     | 35                           | 109      |
|                              | \$ (228)                       | \$ 465 | \$ (1,805)                   | \$ 2,189 |



## Note F: Stock-Based Compensation

Fuel Tech has a stock-based employee compensation plan, referred to as the Fuel Tech, Inc. Incentive Plan (Incentive Plan), under which awards may be granted to participants in the form of Non-Qualified Stock Options, Incentive Stock Options, Stock Appreciation Rights, Restricted Stock, Performance Awards, Bonuses or other forms of share-based or non-share-based awards or combinations thereof. Participants in the Incentive Plan may be Fuel Tech's directors, officers, employees, consultants or advisors (except consultants or advisors in capital-raising transactions) as the directors determine are key to the success of Fuel Tech's business. The amount of shares that may be issued or reserved for awards to participants under a 2004 amendment to the Incentive Plan is 12.5% of outstanding shares calculated on a diluted basis. At June 30, 2009, Fuel Tech has 280,555 stock options available for issuance under the Incentive Plan.

Fuel Tech utilizes the Black-Scholes option-pricing model to estimate the fair value of stock option grants. The Company recorded stock-based compensation expense for the three- and six-month periods ended June 30, 2009 of \$1,770 and \$3,166, respectively. Fuel Tech recorded \$2,011 and \$3,113 in stock-based compensation expense for the comparable periods in 2008.

The awards granted under the Incentive Plan have a 10-year life and they vest as follows: 50% after the second anniversary of the award date, 25% after the third anniversary, and the final 25% after the fourth anniversary of the award date. Fuel Tech calculates stock compensation expense based on the grant date fair value of the award and recognizes expense on a straight-line basis over the four-year service period of the award.

The principal variable assumptions utilized in valuing options and the methodology for estimating such model inputs include: (1) risk-free interest rate – an estimate based on the yield of zero-coupon treasury securities with a maturity equal to the expected life of the option; (2) expected volatility – an estimate based on the historical volatility of Fuel Tech's Common Stock for a period equal to the expected life of the option; and (3) expected life of the option – an estimate based on historical experience including the effect of employee terminations.

Based on the results of the model, the weighted-average fair value of the stock options granted during the six-month period ended June 30, 2009 was \$5.95 per share using the following assumptions:

|                         | 2009      |
|-------------------------|-----------|
| Expected dividend yield | 0.00%     |
| Risk-free interest rate | 2.47%     |
| Expected volatility     | 68.1%     |
| Expected life of option | 5.1 years |

Stock option activity for Fuel Tech's Incentive Plan for the six months ended June 30, 2009 was as follows:

|                                | Number<br>of<br>Options | Weighted-<br>Average<br>Exercise<br>Price | Weighted-<br>Average<br>Remaining<br>Contractual<br>Term | Aggregate<br>Intrinsic<br>Value |
|--------------------------------|-------------------------|---|--|---------------------------------|
| Outstanding on January 1, 2009 | 2,905,325               | \$ 16.30                                  |  |                                 |
| Granted                        | 465,000                 | 9.97                                      |  |                                 |

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|                              |           |          |           |          |
|------------------------------|-----------|----------|-----------|----------|
| Exercised                    | (23,000)  | 5.39     | \$        | 121      |
| Expired or forfeited         | (220,250) | 19.93    |           |          |
| Outstanding on June 30, 2009 | 3,127,075 | \$ 15.19 | 7.4 years | \$ 3,359 |
| Exercisable on June 30, 2009 | 1,532,575 | \$ 12.58 | 6.2 years | \$ 3,213 |

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The weighted-average exercise price per non-vested stock award at grant date was \$9.99 per share for the non-vested stock awards granted in 2009. Non-vested stock award activity for all plans for the six months ended June 30, 2009 was as follows:

|                                | Non-vested<br>Stock<br>Outstanding |
|--------------------------------|------------------------------------|
| Outstanding on January 1, 2009 | 1,443,625                          |
| Granted                        | 465,000                            |
| Released                       | (159,125)                          |
| Expired or forfeited           | (155,000)                          |
| Outstanding on June 30, 2009   | 1,594,500                          |

As of June 30, 2009, there was \$10,612 of total unrecognized compensation cost related to non-vested stock-based compensation arrangements granted under the Incentive Plan. That cost is expected to be recognized over a period of four years.

In addition to the Incentive Plan, Fuel Tech has a Deferred Compensation Plan for Directors (Deferred Plan). This Deferred Plan, as originally approved, provided for deferral of directors' fees in the form of either cash with interest or as "phantom stock" units, in either case, however, to be paid out only as cash and not as stock at the elected time of payout. In the second quarter of 2007, Fuel Tech obtained stockholder approval for an amendment to the Deferred Plan to provide that instead of phantom stock units paid out only in cash, the deferred stock unit compensation may be paid out in shares of Fuel Tech Common Stock. Under the guidance of SFAS 123(R), this plan modification required that Fuel Tech account for awards under the plan for the receipt of Fuel Tech Common Stock, as equity awards as opposed to liability awards. For the six months ended June 30, 2009, Fuel Tech recorded stock-based compensation expense of \$43 with a credit of the same amount to additional paid-in capital representing the fair value of the stock awards granted.

Note G: Debt

On June 30, 2009, Fuel Tech entered into a \$25,000 revolving credit facility (the "Facility") with JPMorgan Chase Bank, N.A (JPM Chase). The Facility has a term of two years through June 30, 2011, is unsecured, bears interest at a rate of LIBOR plus a spread range of 250 basis points to 300 basis points, as determined under a formula related to the Company's leverage ratio, and has the Company's Italian subsidiary, Fuel Tech S.r.l., as a guarantor. Fuel Tech can use this Facility for cash advances and standby letters of credit. As of June 30, 2009, there were no outstanding borrowings on this Facility. The Credit Agreement dated as of June 30, 2009 by and between Fuel Tech, Inc. and JPM Chase and the Revolving Credit Note dated June 30, 2009 from Fuel Tech, Inc. to JPM Chase were included in their entirety as exhibits to the Company's Form 8-K filed with the Securities and Exchange Commission on July 2, 2009. The Company's prior facility with Wachovia Bank, N.A. was terminated on June 30, 2009.

Beijing Fuel Tech Environmental Technologies Company, Ltd. (Beijing Fuel Tech), a wholly-owned subsidiary of Fuel Tech, has a revolving credit facility (the "China Facility") agreement with JPM Chase for RMB 35 million (approximately \$5,000), which expires on July 31, 2009. The facility is unsecured and bears interest at a rate of 90% of the People's Bank of China (PBOC) Base Rate. Beijing Fuel Tech can use this facility for cash advances and bank guarantees. As of June 30, 2009, Beijing Fuel Tech has borrowings outstanding in the amount \$2,191, which bear interest at 4.4%.

On July 31, 2009, Fuel Tech replaced its expiring China Facility with JPM Chase with a new replacement China Facility (the "Replacement Facility") with JPM Chase for RMB 35 million for a period of one year. Like the predecessor China Facility, the Replacement Facility remains unsecured. The Replacement Facility bears interest at a

rate of 120% of the PBOC Base Rate. Beijing Fuel Tech can use this facility for cash advances and bank guarantees.

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Note H: Business Segment and Geographic Disclosures

Fuel Tech segregates its financial results into two reportable segments representing two broad technology segments as follows:

-The Air Pollution Control technology segment, which includes the Low- and Ultra-low NO<sub>x</sub> Burners, over-fire air systems, HERT system, NO<sub>x</sub>OUT®, NO<sub>x</sub>OUT CASCADE®, AIG, GSG, ULTRA™ and NO<sub>x</sub>OUT-SCR® processes for the reduction of NO<sub>x</sub> emissions in flue gas from boilers, incinerators, furnaces and other stationary combustion sources; and

-The FUEL CHEM® technology segment, which uses chemical processes for the control of slagging, fouling, corrosion, opacity, acid plume and sulfur trioxide-related issues in furnaces and boilers through the addition of chemicals into the fuel using TIFI™ Targeted In-Furnace Injection™ technology.

The “Other” classification includes those profit and loss items not allocated by Fuel Tech to each reportable segment. Further, there are no intersegment sales that require elimination.

Fuel Tech evaluates performance and allocates resources based on reviewing gross margin by reportable segment. The accounting policies of the reportable segments are the same as those described in the summary of significant accounting policies. Fuel Tech does not review assets by reportable segment, but rather, in aggregate for Fuel Tech as a whole.

Fuel Reporting segment revenues and gross margin are provided below.

| Three months ended<br>June 30, 2009 | Air Pollution<br>Control<br>Segment | FUEL<br>CHEM<br>Segment | Other      | Total     |
|-------------------------------------|-------------------------------------|-------------------------|------------|-----------|
| Revenues from external customers    | \$ 9,177                            | \$ 9,745                | \$ -       | \$ 18,922 |
| Cost of sales                       | 4,688                               | 5,690                   | -          | 10,378    |
| Gross margin                        | 4,489                               | 4,055                   | -          | 8,544     |
| Selling, general and administrative | -                                   | -                       | 8,876      | 8,876     |
| Research and development            | -                                   | -                       | 77         | 77        |
| Operating income (loss)             | \$ 4,489                            | \$ 4,055                | \$ (8,953) | \$ (409)  |

| Three months ended<br>June 30, 2008 | Air Pollution<br>Control<br>Segment | FUEL<br>CHEM<br>Segment | Other      | Total     |
|-------------------------------------|-------------------------------------|-------------------------|------------|-----------|
| Revenues from external customers    | \$ 10,477                           | \$ 8,314                | \$ -       | \$ 18,791 |
| Cost of sales                       | 5,658                               | 4,174                   | 1          | 9,833     |
| Gross margin                        | 4,819                               | 4,140                   | (1)        | 8,958     |
| Selling, general and administrative | -                                   | -                       | 7,413      | 7,413     |
| Research and development            | -                                   | -                       | 909        | 909       |
| Operating income (loss)             | \$ 4,819                            | \$ 4,140                | \$ (8,323) | \$ 636    |

| Six months ended<br>June 30, 2009   | Air Pollution<br>Control<br>Segment | FUEL<br>CHEM<br>Segment | Other  | Total     |
|-------------------------------------|-------------------------------------|-------------------------|--------|-----------|
| Revenues from external customers    | \$ 17,997                           | \$ 18,242               | \$ -   | \$ 36,239 |
| Cost of sales                       | 11,007                              | 10,745                  | -      | 21,752    |
| Gross margin                        | 6,990                               | 7,497                   | -      | 14,487    |
| Selling, general and administrative | -                                   | -                       | 17,130 | 17,130    |



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|                          |          |          |             |            |
|--------------------------|----------|----------|-------------|------------|
| Research and development | -        | -        | 231         | 231        |
| Operating income (loss)  | \$ 6,990 | \$ 7,497 | \$ (17,361) | \$ (2,874) |

| Six months ended<br>June 30, 2008   | Air Pollution<br>Control<br>Segment | FUEL<br>CHEM<br>Segment | Other       | Total     |
|-------------------------------------|-------------------------------------|-------------------------|-------------|-----------|
| Revenues from external customers    | \$ 22,146                           | \$ 17,112               | \$ -        | \$ 39,258 |
| Cost of sales                       | 11,803                              | 8,698                   | 1           | 20,502    |
| Gross margin                        | 10,343                              | 8,414                   | (1)         | 18,756    |
| Selling, general and administrative | -                                   | -                       | 14,392      | 14,392    |
| Research and development            | -                                   | -                       | 1,464       | 1,464     |
| Operating income (loss)             | \$ 10,343                           | \$ 8,414                | \$ (15,857) | \$ 2,900  |

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Information concerning Fuel Tech's operations by geographic area is provided below. Revenues are attributed to countries based on the location of the customer. Assets are those directly associated with operations of the geographic area.

|                  | Three months ended June 30 |           | Six months ended June 30 |           |
|------------------|----------------------------|-----------|--------------------------|-----------|
|                  | 2009                       | 2008      | 2009                     | 2008      |
| <b>Revenues:</b> |                            |           |                          |           |
| United States    | \$ 14,722                  | \$ 16,442 | \$ 29,060                | \$ 35,526 |
| Foreign          | 4,200                      | 2,349     | 7,179                    | 3,732     |
|                  | \$ 18,922                  | \$ 18,791 | \$ 36,239                | \$ 39,258 |
| <br>             |                            |           |                          |           |
|                  | June 30,                   | December  |                          |           |
|                  | 2009                       | 31,       |                          |           |
|                  |                            | 2008      |                          |           |
| <b>Assets:</b>   |                            |           |                          |           |
| United States    | \$ 82,724                  | \$ 81,241 |                          |           |
| Foreign          | 8,264                      | 7,632     |                          |           |
|                  | \$ 90,988                  | \$ 88,873 |                          |           |

Note I: Contingencies

Fuel Tech issues a standard product warranty with the sale of its products to customers. Fuel Tech's recognition of warranty liability is based, generally, on analyses of warranty claims experience in the preceding years. Changes in the warranty liability for the six months ended June 30, 2009 are summarized below:

|   |        |
|---|--------|
| Aggregate product warranty liability at January 1, 2009 | \$ 265 |
| Aggregate accruals related to product warranties        | 60     |
| Aggregate reductions for payments                       | (113)  |
| Aggregate product warranty liability at June 30, 2009   | \$ 212 |

Note J: Income Tax

Fuel Tech had unrecognized tax benefits as of December 31, 2008 in the amount of \$781. This amount included \$747 of unrecognized tax benefits which, if ultimately recognized, will reduce Fuel Tech's annual effective tax rate. There have been no material changes in unrecognized tax benefits during the quarter ended June 30, 2009.

Note K: Recently Adopted Accounting Pronouncements

In June 2009, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) No. 168, "The FASB Standards Codification and the Hierarchy of Generally Accepted Accounting Principles" (SFAS 168 or the "Codification"), a replacement of SFAS 162. SFAS 168 will become the source of authoritative U.S. generally accepted accounting principles (GAAP) recognized by the FASB to be applied by nongovernmental entities. Rules and interpretive releases of the U.S. Securities and Exchange Commission (SEC) under authority of federal securities laws are also sources of authoritative GAAP for SEC registrants. On the effective date of SFAS 168, the Codification will supersede all then-existing non-SEC accounting and reporting standards. All other non-grandfathered, non-SEC accounting literature not included in the Codification will become non-authoritative. SFAS 168 is effective for financial statements issued for interim and annual periods ending after September 15, 2009. The Company does not expect the adoption of SFAS 168 to have a material effect on its consolidated financial statements.

In June 2009, the FASB issued SFAS No. 167, "Amendments to FASB Interpretation No. 46(R)" (SFAS 167). SFAS 167 seeks to improve how enterprises account for and disclose their involvement with variable interest entities (VIEs), which are special-purpose entities and other entities whose equity at risk is insufficient or lacks certain characteristics. SFAS 167 is effective for financial statements issued for annual periods ending after November 15, 2009 and for interim periods within the first annual reporting period. The Company does not expect the adoption of SFAS 167 to have a material effect on its consolidated financial statements.

In May 2009, the FASB issued SFAS No. 165, "Subsequent Events" (SFAS 165). SFAS 165 seeks to establish general standards of accounting for and disclosure of events that occur after the balance sheet date but before financial statements are issued or are available to be issued. In particular, SFAS 165 sets forth (1) the period after the balance sheet date during which management of a reporting entity should evaluate events or transactions that may occur for potential recognition or disclosure in the financial statements; (2) the circumstances under which an entity should recognize events or transactions occurring after the balance sheet date in its financial statements; and (3) the disclosures that an entity should make about events or transactions that occurred after the balance sheet date. SFAS 165 is effective for financial statements issued for interim and annual periods ending after June 15, 2009. The Company does not expect the adoption of SFAS 165 to have a material effect on its consolidated financial statements.

In April 2009, the FASB issued Staff Position FSP 141(R)-1, "Accounting for Assets Acquired and Liabilities Assumed in a Business Combination That Arise from Contingencies" (FSP 141(R)-1). FSP 141(R)-1 applies to all assets acquired and liabilities assumed in a business combination that arise from contingencies that would be within the scope of SFAS 5 if not acquired or assumed in a business combination, except for assets or liabilities arising from contingencies that are subject to specific guidance in SFAS 141(R). FSP 141(R)-1 was effective for Fuel Tech for our fiscal year beginning January 1, 2009 and its application did not have a material effect on our consolidated financial statements as of and for the six months ended June 30, 2009.

Note L: Business Acquisitions

Fuel Tech accounts for its acquisitions as purchases in accordance with SFAS 141R. Accordingly, in connection with each acquisition, the purchase price is allocated to the estimated fair values of all acquired tangible and intangible assets and assumed liabilities as of the date of the acquisition.

Advanced Combustion Technology, Inc.

On January 5, 2009, Fuel Tech completed its acquisition of substantially all of the assets of Advanced Combustion Technology, Inc. (ACT) for approximately \$22.5 million in cash, including transaction costs, plus future consideration if certain financial performance is achieved. At March 31, 2009, the Company recorded a SFAS 141R contingent

consideration accrual representing the fair value, weighted-average probability of future consideration expected to be paid in connection with the acquisition of substantially all of the assets of ACT of \$2,307. As of June 30, 2009, the amount recognized for the contingent consideration arrangement, the range of outcomes, and assumptions used to develop the estimates had not changed.

In connection with the final determination of the Adjustment Calculation (as defined in the asset purchase agreement) related to the net working capital amount, Fuel Tech paid ACT an additional \$1,523 on July 23, 2009.

As a result of the previously-announced acquisitions of substantially all of the assets of ACT in the first quarter of 2009, and Tackticks, LLC and FlowTack, LLC in the fourth quarter of 2008, the Company's condensed consolidated results for the periods presented are not directly comparable. Pro forma results of operations for the three- and six-month periods ended June 30, 2009 and 2008, which assumes the acquisitions were completed on January 1, 2008, are as follows:

|                                      | Three months<br>ended June 30 |           |
|--------------------------------------|-------------------------------|-----------|
|                                      | 2009                          | 2008      |
| Revenues                             | \$ 18,922                     | \$ 32,590 |
| Net income / (loss)                  | \$ ( 278)                     | \$ 1,992  |
| Net income / (loss) per Common Share |                               |           |
| Basic                                | \$ ( 0.01)                    | \$ 0.08   |
| Diluted                              | \$ ( 0.01)                    | \$ 0.08   |

|                                      | Six months<br>ended June 30 |           |
|--------------------------------------|-----------------------------|-----------|
|                                      | 2009                        | 2008      |
| Revenues                             | \$ 36,239                   | \$ 62,018 |
| Net income / (loss)                  | \$ ( 1,840)                 | \$ 4,432  |
| Net income / (loss) per Common Share |                             |           |
| Basic                                | \$ ( 0.08)                  | \$ 0.19   |
| Diluted                              | \$ ( 0.08)                  | \$ 0.18   |

Operating results for the acquired assets are included in the Company's consolidated statements of income from the date of acquisition.

FUEL TECH, INC.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Results of Operations

Revenues for the three months ended June 30, 2009 and 2008 were \$18,922 and \$18,791, respectively, while revenues for the six months ended June 30, 2009 and 2008 were \$36,239 and \$39,258, respectively. The increases versus the prior year for both periods were driven by an increase in FUEL CHEM technology segment revenues partially offset by lower APC technology segment revenues.

The Air Pollution Control (APC) technology segment generated revenues of \$9,177 and \$17,997 for the three- and six-month periods ended June 30, 2009, respectively, a decrease of \$1,300, or 12%, and \$4,149, or 19%, from the respective prior year periods due to an across-the-board slowdown of capital project orders for pollution control equipment from our customer base. Mitigating the slowdown of capital project orders is the contribution from increased activity in the Company's ancillary APC business. While revenues are down from the prior year, this segment remains uniquely positioned to capitalize on the next phase of increasingly stringent U.S. air quality standards, specifically on NOx control. Interest in Fuel Tech's suite of pollution control technologies, on both a new and retrofit basis, remains strong, both domestically and abroad.

The FUEL CHEM technology segment generated revenues of \$9,745 and \$18,242 for the three- and six-month periods ended June 30, 2009, respectively, an increase of \$1,431, or 17%, and \$1,130, or 7%, versus the respective prior year periods. This increase is primarily due to the addition of new customer units and increased project demonstrations activity. The Company recently announced the addition of several new international demonstration and commercial contracts, further strengthening its global presence in the marketplace. Despite a record year in 2008, both in terms of revenues generated and new FUEL CHEM customer units added, the near-term decrease in demand for electricity, largely related to the U.S. economic recession, has dictated that certain Fuel Tech customers shut down or scale back certain boiler operations. This, in turn, has resulted in certain FUEL CHEM programs being temporarily turned off or being operated at reduced levels. Despite the near-term economic environment, the marketplace acceptance for Fuel Tech's patented TIFI™ Targeted In-Furnace Injection™ technology remains strong, both domestically and abroad, particularly on coal-fired units, which represent the largest market opportunity for the technology.

The FUEL CHEM technology segment revolves around the unique application of specialty chemicals to improve the efficiency, reliability and environmental status of plants operating in the electric utility, industrial, pulp and paper, and waste-to-energy markets. FUEL CHEM programs are currently contracted on over 90 combustion units, treating a wide variety of solid and liquid fuels, including coal, heavy oil, biomass and municipal waste.

Cost of sales as a percentage of revenue for the three months ended June 30, 2009 and 2008 was 55% and 52%, respectively. The cost of sales percentage for the APC technology segment decreased to 51% from 54% in the comparable prior-year period, primarily due to the settlement of a contingent loss provision recorded on an APC contract during the first quarter of 2009. For the FUEL CHEM technology segment, the cost of sales percentage increased to 58% from 50% for the comparable prior-year quarter. This increase was primarily due to substantial demonstration program expenses.

Cost of sales as a percentage of revenue for the six months ended June 30, 2009 and 2008 was 60% and 52%, respectively. The cost of sales percentage for the APC technology segment increased from 53% to 61% due primarily to a large pass-through product sale at a nominal mark-up percentage and the recognition of a contingent loss provision on an APC contract. For the FUEL CHEM technology segment, the cost of sales percentage increased to 59% from 51% for the comparable prior-year quarter. This increase was primarily due to continued demonstration program expenses coupled with the aforementioned slightly depressed revenue base.

Selling, general and administrative expenses (SG&A) for the quarters ended June 30, 2009 and 2008 were \$8,876 and \$7,413, respectively. Of the \$1,463 increase in SG&A for the quarter versus the prior year, \$1,061 is due to the net incremental SG&A costs associated with the October 2008 acquisition of substantially all of the assets of Tackticks, LLC and FlowTack, LLC and the January 2009 acquisition of substantially all of the assets of Advanced Combustion Technology, Inc, including the amortization of identifiable intangible assets of \$396. Also contributing to the year-over-year increase was a one-time employee expense of \$550 related to the reduction in workforce the Company undertook during the second quarter of 2009. Of the \$2,738 increase in SG&A expenses for the six-month period ended June 30, 2009, \$1,872 is related to the incremental expenses associated with the three noted acquisitions, including the amortization of identifiable intangible assets of \$743, \$550 relates to the aforementioned reduction in force event, and \$317 is due to internal sales commissions.

Research and development (R&D) expenses for the three months ended June 30, 2009 and 2008 were \$77 and \$909, respectively, while R&D expenditures for the six months ended June 30, 2009 and 2008 were \$231 and \$1,464, respectively. Both year-over-year declines are due to the Company moderating its near-term R&D expenditures in the wake of the global financial crisis. However, Fuel Tech maintained its focused approach in the pursuit of commercial applications for its technologies outside of its traditional markets, and in the development and analysis of new technologies that could represent incremental market opportunities.

Decreases in interest income for the three- and six-month periods ended June 30, 2009 of \$182 and \$442, respectively, are due to a significant reduction in cash and cash equivalents on hand due to the cash outlay for the acquisitions of substantially all of the assets of Tackticks, LLC, FlowTack, LLC and Advanced Combustion Technology, Inc.

Income tax benefit / (expense) for the three- and six-month periods ended June 30, 2009 and 2008 were \$188 and (\$310) and \$1,229 and (\$1,307), respectively, reflecting the Company's pre-tax loss and income positions, respectively.

#### Liquidity and Sources of Capital

At June 30, 2009, Fuel Tech had cash and cash equivalents, short-term investments and restricted cash on hand of \$12,177 and working capital of \$26,389 versus \$28,149 and \$44,346 at December 31, 2008, respectively. Restricted cash of \$5,525 was used as collateral for pre-existing stand-by letters of credit and bank guaranties with Wachovia Bank N.A. at June 30, 2009 as that was the date the Company entered into a new revolving credit facility with JPMorgan Chase N.A. As these instruments are transferred to JPMorgan Chase and the Wachovia instruments are retired, the cash collateral will no longer be needed and will cease to be restricted. Operating activities provided \$4,691 of cash during the six-month period ended June 30, 2009, primarily due to a decrease in accounts receivable and increase in accrued and other non-current liabilities, partially offset by a year-to-date net loss.

Investing activities used cash of \$20,868 during the six months ended June 30, 2009, as the acquisition of substantially all of the assets of Advanced Combustion Technology, Inc. was funded on January 5, 2009. Capital expenditures of \$1,540, primarily to support and enhance the operations of the FUEL CHEM technology segment, were also made.

The Company generated cash from financing activities during the six months ended June 30, 2009 of \$170, primarily from the excess tax benefits realized from stock options exercised in the first six months of 2009 and from the issuance of directors' deferred shares of stock.

#### Contingencies and Contractual Obligations

Fuel Tech issues a standard product warranty with the sale of its products to customers as discussed in Note I. The change in the warranty liability balance during the three months ended June 30, 2009 was not material.



## Forward-Looking Statements

This Quarterly Report on Form 10-Q contains “forward-looking statements,” as defined in Section 21E of the Securities Exchange Act of 1934, as amended, which are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 and reflect Fuel Tech’s current expectations regarding future growth, results of operations, cash flows, performance and business prospects, and opportunities, as well as assumptions made by, and information currently available to, our management. Fuel Tech has tried to identify forward-looking statements by using words such as “anticipate,” “believe,” “plan,” “expect,” “estimate,” “intend,” “will,” and similar expressions, but these are not the exclusive means of identifying forward-looking statements. These statements are based on information currently available to Fuel Tech and are subject to various risks, uncertainties, and other factors, including, but not limited to, those discussed in Fuel Tech’s Annual Report on Form 10-K for the year ended December 31, 2008 in Item 1A under the caption “Risk Factors,” which could cause Fuel Tech’s actual growth, results of operations, financial condition, cash flows, performance and business prospects and opportunities to differ materially from those expressed in, or implied by, these statements. Fuel Tech undertakes no obligation to update such factors or to publicly announce the results of any of the forward-looking statements contained herein to reflect future events, developments, or changed circumstances or for any other reason. Investors are cautioned that all forward-looking statements involve risks and uncertainties, including those detailed in Fuel Tech’s filings with the Securities and Exchange Commission.

### Item 3. Quantitative and Qualitative Disclosures about Market Risk

#### Foreign Currency Risk Management

Fuel Tech’s earnings and cash flow are subject to fluctuations due to changes in foreign currency exchange rates. We do not enter into foreign currency forward contracts nor into foreign currency option contracts to manage this risk due to the immaterial nature of the transactions involved.

Fuel Tech is also exposed to changes in interest rates primarily due to its long-term debt arrangement (refer to Note G to the consolidated financial statements). A hypothetical 100 basis point adverse move in interest rates along the entire interest rate yield curve would not have a materially adverse effect on interest expense during the upcoming year ended December 31, 2009.

### Item 4. Controls and Procedures

Fuel Tech maintains disclosure controls and procedures and internal controls designed to ensure that information required to be disclosed in Fuel Tech’s filings under the Securities Exchange Act of 1934 is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission’s rules and forms. Fuel Tech’s management, with the participation of its principal executive and financial officers, has evaluated the effectiveness of Fuel Tech’s disclosure controls and procedures as of the end of the period covered by this Quarterly Report on Form 10-Q. Fuel Tech’s principal executive and financial officers have concluded, based on such evaluation, that such disclosure controls and procedures were effective as of the end of such period.

There was no change in Fuel Tech’s internal control over financial reporting that was identified in connection with such evaluation that occurred during the period covered by this Quarterly Report on Form 10-Q that has materially affected, or is reasonably likely to materially affect, Fuel Tech’s internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1. Legal Proceedings

None

Item 1A. Risk Factors

None

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

None

Item 3. Defaults upon Senior Securities

None

Item 4. Submission of Matters to a Vote of Security Holders

The annual meeting of stockholders of Fuel Tech, Inc. was held on May 21, 2009. The matters voted on were the election of nine directors and the approval of the appointment of Grant Thornton LLP as Fuel Tech, Inc.'s independent registered public accountants for the year 2009. The nine director nominees were elected and the appointment of Grant Thornton LLP was approved.

The details of the voting at the annual meeting are as follows:

For the directors:

| Director            | For        | Withheld  |
|---------------------|------------|-----------|
| Douglas G. Bailey   | 20,482,752 | 522,763   |
| Ralph E. Bailey     | 20,487,673 | 517,842   |
| Miguel Espinosa     | 20,039,918 | 965,597   |
| Charles W. Grinnell | 20,023,897 | 981,618   |
| Thomas L. Jones     | 20,503,903 | 501,612   |
| John D. Morrow      | 20,469,089 | 536,426   |
| John F. Norris Jr.  | 20,505,022 | 500,493   |
| Thomas S. Shaw, Jr. | 19,914,506 | 1,091,009 |
| D.L. Williamson     | 20,490,893 | 514,622   |

For the Grant Thornton LLP appointment approval:

| For        | Against | Abstain |
|------------|---------|---------|
| 20,744,805 | 191,901 | 69,009  |

Item 5. Other Information

None



Item 6.

Exhibits

a.

Exhibits (all filed herewith)

- 31.1 Certification of CEO pursuant to Section 302 of Sarbanes-Oxley Act of 2002
- 31.2 Certification of CFO pursuant to Section 302 of Sarbanes-Oxley Act of 2002
- 32 Certification of CEO and CFO pursuant to Section 906 of Sarbanes-Oxley Act of 2002

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FUEL TECH, INC.

Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: August 10, 2009 By: /s/ John F. Norris Jr.  
John F. Norris Jr.  
Chief Executive Officer  
(Principal Executive Officer)

Date: August 10, 2009 By: /s/ John P. Graham  
John P. Graham  
Chief Financial Officer  
(Principal Financial Officer)