

THERMO FISHER SCIENTIFIC INC.
 Form 4
 November 14, 2007

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
 OMB Number: 3235-0287
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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 *
 CASPER MARC N

2. Issuer Name and Ticker or Trading Symbol
 THERMO FISHER SCIENTIFIC INC. [TMO]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 81 WYMAN STREET, P.O. BOX 9046
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/09/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Executive Vice President

WALTHAM, MA 024549046

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

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

(City) (State) (Zip)

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 Ownership (Instr. 4)
				Code V Amount (D) Price			
Common Stock	11/09/2007		F	3,006 D \$ 57.02	46,072.53	D	

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

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SEC 1474 (9-02)

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 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 Owned Following Transaction (Instr. 6)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
CASPER MARC N 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046			Executive Vice President	

Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Marc N. Casper
Date: 11/14/2007

__Signature of Reporting Person

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).

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. 160; X Chairman of the Board and CEO

Signatures

/s/ Samuel F. Hatcher,
Attorney-in-Fact
Date: 12/30/2009

__Signature of Reporting Person

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) Shares were gifted by the reporting person for no consideration.

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brokering and marketing energy commodities, including but not limited to electricity, natural gas and other combustible fuels (including incidental related services, such as fuel management, storage and procurement) anywhere in the world, without the need for further Commission authorization. Select and SENY each represent that it will not make any sales of energy commodities to customers at retail or otherwise in any state unless authorized or permitted to do make such sales under the laws of that state. The foregoing notwithstanding, pending completion of the record, NU requests the Commission to reserve jurisdiction over Select and SENY engaging in such business outside of the United States and Canada. 15. Select and SENY both have employed, and will continue to employ various risk-management strategies, including entering into off-setting physical delivery contracts, the purchase and sale of derivative instruments, such as options and futures contracts, for purposes of hedging a physical position, and an appropriate mix of long and short term contracts. To that end, Select and SENY also seek authority to perform "hedging" activities and trading activities, including interest rate swaps, caps, collars, floors, and structured notes, the trading of electric and gas transmission contracts, emission allowances, weather products, and "paper" hedging products such as options and forwards, whether or not such activities are tied to a physical contract, in the United States and Canada. The trading of such hedges and products is a common and integral component of the energy marketing business. If Select and SENY were not able to trade in such hedges and products, it would be at a distinct disadvantage to those marketers and traders who are not encumbered by the restrictions of the Act. 16. NU represents that it will not seek recovery through higher rates to its utility subsidiaries' customers for any losses NU may sustain, or any inadequate returns it may realize, in respect of the proposed transactions. Item 2. Fees, Commissions and Expenses 17. NU estimates total fees and expenses in connection with the proposed transactions of not more than \$20,000, consisting chiefly of outside counsel fees and expenses. Item 3. Applicable Statutory Provisions 18. Sections 6(a), 7, 9(a), 10 and 12 of the Act and Rules 42 and 54 thereunder are or may be applicable to the proposed transactions. To the extent any other sections of the Act or rules thereunder may be applicable to the proposed transactions, the Applicants request appropriate orders thereunder. 19. Except in accordance with the Act, neither NU nor any subsidiary thereof (a) has acquired an ownership interest in an exempt wholesale generator ("EWG") or a foreign utility company ("FUCO") as defined in Sections 32 and 33 of the Act, or (b) now is or as a consequence of the transactions proposed herein will become a party to, or has or will as a consequence of the transactions proposed herein have a right under, a service, sales, or construction contract with an EWG or a FUCO. None of the proceeds from the transactions proposed herein will be used by NU and its subsidiaries to acquire any securities of, or any interest in, an EWG or a FUCO. 20. NU currently meets all of the conditions of Rule 53(a), except for clause (1). At September 30, 2001, NU's "aggregate investment," as defined in Rule 53(a)(1), in EWGs and FUCOs was approximately \$469.5 million, or approximately 80% of NU's average "consolidated retained earnings," also as defined in Rule 53(a)(1), for the four quarters ended September 30, 2001 (\$586 million). With respect to Rule 53(a)(1), however, the Commission has determined that NU's financing of its investment in Northeast Generation Company ("NGC"), NU's only current EWG or FUCO, in an amount not to exceed \$481 million or 83% of its "average consolidated retained earnings" would not have either of the adverse effects set forth in Rule 53(c). See Northeast Utilities, Holding Company Act Release No. 27148, dated March 7, 2000 (the "Rule 53(c) Order"). NU continues to assert that its EWG investment in NGC will not adversely affect the System. 21. In addition, NU and its subsidiaries are in compliance and will continue to comply with the other provisions of Rule 53(a) and (b), as demonstrated by the following determinations: (i) NGC maintains books and records, and prepares financial statements, in accordance with Rule 53(a)(2). Furthermore, NU has undertaken to provide the Commission access to such books and records and financial statements, as it may request; (ii) No employees of NU's public utility subsidiaries have rendered services to NGC; (iii) NU has submitted (a) a copy of each Form U-1 and Rule 24 certificate that has been filed with the Commission under Rule 53 and (b) a copy of Item 9 of the Form U5S and Exhibits G and H thereof to each state regulator having jurisdiction over the retail rates of NU's public utility subsidiaries; (iv) Neither NU nor any subsidiary has been the subject of a bankruptcy or similar proceeding unless a plan of reorganization has been confirmed in such proceeding; (v) NU's average CREs for the four most recent quarterly periods have not decreased by 10% or more from the average for the previous four quarterly periods; and (vi) In the previous fiscal year, NU did not report operating losses attributable to its investment in EWGs/FUCOs exceeding 3 percent of NU's consolidated retained earnings. 22. The proposed transactions, considered in conjunction with the effect of the capitalization and earnings of NU's EWGs and FUCOs, would not have a material adverse effect on the financial integrity of the NU system, or an adverse impact on NU's public-utility subsidiaries, their customers,

or the ability of State commissions to protect such public- utility customers. The Rule 53(c) Order was predicated, in part, upon an assessment of NU's overall financial condition which took into account, among other factors, NU's consolidated capitalization ratio and its retained earnings, both of which have improved since the date of the order. NU's EWG investment (it has no FUCO investment), has been profitable for the quarterly periods ending June 30, 2000, September 30, 2000, December 31, 2000, March 31, 2001, June 30, 2001 and September 30, 2001, respectively (NGC was acquired in March 2000). As of December 31, 1999, the most recent period for which financial statement information was evaluated in the Rule 53(c) Order, NU's consolidated capitalization consisted of 35.3% common equity and 64.7% debt (including long and short-term debt, preferred stock, capital leases and guarantees). As of June 30, 2000, the end of the first quarter after the issuance of the Rule 53(c) Order, the consolidated capitalization ratios of NU, with consolidated debt including all short-term debt and non-recourse debt of the EWG, were as follows: As of June 30, 2000 (thousands of dollars) % Common shareholders' equity 2,365,854 36.9 Preferred stock 277,700 4.3 Long-term and short-term debt 3,768,353 58.8 6,411,907 100.0 23. The consolidated capitalization ratios of NU as of September 30, 2001, with consolidated debt including all short-term debt and non-recourse debt of the EWG, were as follows: As of September 30, 2001 (thousands of dollars) % Common shareholders' equity 2,133,851 31.6 Preferred stock 16,200 1.7 Long-term and short-term debt 2,391,557 35.4 Rate Reduction Bonds 2,118,400 31.3 6,760,008 100.0 24. NU's consolidated retained earnings decreased from \$581.8 million as of December 31, 1999 to \$495.9 million as of December 31, 2000, mainly as a result of an after-tax write-off of \$225 million by Public Service Company of New Hampshire as part of a restructuring settlement and also recognition of a loss due to a decision by the FERC lowering the price for acquiring installed generating capacity in New England but increased by \$149 million through the three quarters ended September 30, 2001. NGC (NU's only EWG or FUCO) has made a positive contribution to earnings by contributing \$207 million in revenues from inception (March 2000) through September 30, 2001 and net income of \$57.5 million for the same period. Accordingly, since the date of the Rule 53(c) Order, the capitalization and earnings attributable to NU's investments in EWGs and FUCOs has not had an adverse impact on NU's financial integrity. Item 4. Regulatory Approval 25. The proposed transactions are not subject to the jurisdiction of any state or federal commission other than this Commission. Item 5. Procedure 26. NU requests that the Commission issue an order as soon as practicable after the expiration of the applicable public notice period granting and permitting this Application-Declaration to become effective. 27. NU waives a recommended decision by a hearing officer or other responsible officer of the Commission; consents that the Staff of the Division of Investment Management may assist in the preparation of the Commission's order; and requests that there be no waiting period between the issuance of the Commission's order and its effectiveness. 28. NU hereby undertakes to include in its quarterly reports on Form U-9C-3 a description of all energy-related activities conducted outside the United States pursuant to the authorization requested in this application. Item 6. Exhibits and Financial Statements* (a) Exhibits F Preliminary opinion of counsel H Form of notice (b) Financial Statements Item 7. Information as to Environmental Effects (a) The Commission's action in this matter will not constitute any major federal action significantly affecting the quality of the human environment. (b) No other federal agency has prepared or is preparing an environmental impact statement with regard to the proposed transactions.

----- Guarantees issued by NUEI are exempt under Rule 52. This information is provided for background purposes. *Exhibits and Financial Statements will be filed by amendment. ----- SIGNATURE Pursuant to the requirements of the Public Utility Holding Company Act of 1935, the undersigned company has duly caused this amended Form U-1 to be signed on its behalf by the officer indicated below. Northeast Utilities NU Enterprises, Inc. Select Energy, Inc. Select Energy New York, Inc. By: /s/ Randy A. Shoop Name: Randy A. Shoop Title: Assistant Treasurer - Finance of Northeast Utilities Service Company as Agent for the above named companies. Dated: January , 2002