ANGEION CORP/MN Form SC 13G/A February 13, 2008

### SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1 (b) (c), AND (d) AND AMENDMENTS THERETO FILED

PURSUANT TO RULE 13d-2 (b) (Amendment No. 1)

Angeion Corporation						
(Name of Issuer)						
Common Stock, \$0.10 par value						
(Title of Class of Securities)						
03462Н404						
(CUSIP Number)						
December 31, 2007						
(Date of Event which Requires Filing of this Statement)						
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:   X  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).

\_\_\_\_\_\_ CUSIP No. 03462H404 13G Page 2 of 8 Pages \_\_\_\_\_\_

1. NAMES OR REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

26-0385758 Renaissance Technologies LLC

CHECK APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

- - (a) |\_|
  - (b) |\_|

3.	SEC USE	ONLY					
	CITIZENS	HTP OR	PLACE OF ORGANIZATION				
·	Delaware	IIII OI	I BACE OF ONORMINATION				
		 5.	SOLE VOTING POWER				
			286,900				
MIIM	BED OF		SHARED VOTING POWER				
SH	ARES	•					
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH			0				
		7.	SOLE DISPOSITIVE POWER				
			295,400				
***		8.	SHARED DISPOSITIVE POWER				
			0				
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
	295,400						
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  _						
11.		OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)				
	7.23%						
12.	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)						
	IA						
			Page 2 of 8 Pages				
CUSIP	No. 0346	====== 2H404		Page 3 of	==== = 8	Pages	
1.	NAMES OR REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS						
	James H. Simons						
2.	CHECK APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):  (a)  _   (b)  _						
3.	SEC USE (						

CITIZENSHIP OR PLACE OF ORGANIZATION 4. United States \_\_\_\_\_\_ 5. SOLE VOTING POWER 286,900 \_\_\_\_\_\_ NUMBER OF 6. SHARED VOTING POWER SHARES BENEFICIALLY 0 OWNED BY 7. SOLE DISPOSITIVE POWER EACH REPORTING PERSON 295,400 WITH 8. SHARED DISPOSITIVE POWER 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 295,400 10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) \_\_\_\_\_\_ PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 7.23% 12. TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) ΤN Page 3 of 8 Pages CUSIP No. 03462H404 13G Page 4 of 8 Pages \_\_\_\_\_\_ Item 1. (a) Name of Issuer. Angeion Corporation (b) Address of Issuer's Principal Executive Offices. 350 Oak Grove Parkway Saint Paul, Minnesota 55127-8599 Item 2. (a) Name of Person Filing.

This Schedule 13G is being filed by Renaissance Technologies LLC

("RTC") and James H. Simons ("Simons").

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

The principal business address of the reporting persons is:

800 Third Avenue New York, New York 10022

(c) Citizenship.

Dr. Simons is a United States citizen and RTC is a Delaware limited liability company

(d) Title of Class of Securities.

Common Stock, \$0.10 par value

(e) CUSIP Number.

03462H404

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- (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.
- (e) |X| Investment Adviser in accordance with Sec. 240.13d-1(b)(1)(ii)(E).
- (f) |\_| Employee Benefit Plan or Endowment Fund in accordance with Sec.  $240.13d1\,(b)\,(1)\,(ii)\,(F)\,.$
- (g) |\_| Parent holding company, in accordance with Sec. 240.13d-1(b)(ii)(G).
- (h)  $\mid$  A savings association 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 Sec. 240.13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to Sec. 240.13d-1(c), check this box  $|\_|$ .

#### Item 4. Ownership

(a) Amount Beneficially Owned.

RTC: 295,400 shares

Simons: 295,400 shares, comprising the shares beneficially owned by RTC, because of Dr. Simons' position as control person of RTC.

- (b) Percent of Class. RTC: 7.23% Simons: 7.23%
- (c) Number of shares as to which each such person has

(i) sole power to vote or to direct the vote: RTC: 286,900 Simons: 286,900

(ii) shared power to vote or to direct the vote:

(iii) sole power to dispose or to direct the
 disposition of:

RTC: 295,400 Simons: 295,400

(iv) shared power to dispose or to direct the
 disposition of:

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Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following  $\mid \_ \mid$ 

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Certain funds and accounts managed by RTC have the right to receive dividends and proceeds from the sale of the securities which are the subject of this report. RIEF Trading LLC holds of record more than 5% of such securities.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

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Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 12, 2008

/s/ James H. Simons
----James H. Simons

Renaissance Technologies LLC

By: /s/ Mark Silber

Mark Silber

Executive Vice President

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (see 18 U.S.C. 1001).

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SCHEDULE 13G

EXHIBIT INDEX

EXHIBIT NO. EXHIBIT

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99.1 Agreement Pursuant to Rule 13d-1(k)(1)(iii) (incorporated by reference to Exhibit 99.1 to the initial filing of this Schedule 13G on February 12, 2007).

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