

NANOPHASE TECHNOLOGIES CORPORATION  
Form 10-K/A  
September 16, 2009

## SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### FORM 10-K/A Amendment No. 2

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT  
OF 1934

For the fiscal year ended December 31, 2008

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 0-22333

# NANOPHASE TECHNOLOGIES CORPORATION

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of  
incorporation or organization)  
**36-3687863**  
(I.R.S. Employer  
Identification No.)  
**1319 Marquette Drive, Romeoville, Illinois 60446**  
(Address of principal executive offices) (zip code)

**Registrant's telephone number, including area code: (630) 771-6708**

**Securities registered pursuant to Section 12(b) of the Act: None**

**Securities registered pursuant to Section 12(g) of the Act:**

**Common Stock, par value \$.01 per share**

**Preferred Stock Purchase Rights**

Indicate by check mark whether the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes  No

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 if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K/A or any amendment to this Form 10-K/A. Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definition of large accelerated filer, accelerated filer and smaller reporting company in Rule 12B-2 of the Exchange Act. (Check one):

Large accelerated filer  Accelerated filer   
Non-accelerated filer  Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

The aggregate market value of the registrant's voting stock held by non-affiliates of the registrant based upon the last reported sale price of the registrant's common stock on June 30, 2008 was \$37,015,562 as of such date.

The number of shares outstanding of the registrant's common stock, par value \$.01, as of March 20, 2009 was 21,188,912.

**DOCUMENTS INCORPORATED BY REFERENCE**

None.

**EXPLANATORY NOTE**

We filed our Annual Report on Form 10-K for the year ended December 31, 2008 on March 25, 2009 (the Original Report ). We then amended the Original Report by filing an Amendment No. 1 on Form 10-K/A for the year ended December 31, 2008 on March 27, 2009 ( First Amendment ) to reflect McGladrey and Pullen s execution of the Report of Independent Registered Public Accounting Firm.

We now file this Amendment No. 2 on Form 10-K/A (this Second Amendment ) to discuss the effectiveness of our disclosure controls and procedures and any changes in internal control over financial reporting under Item 9A (T) and to provide currently-dated Exhibits 31.1 and 32.1.

Other than as noted above, no other changes have been made to the Original Report, as amended by the First Amendment. In addition, this Second Amendment does not reflect events occurring after the filing of the Original Report. Accordingly, this Second Amendment should be read in conjunction with the Original Report, as amended by the First Amendment, and our other filings subsequent to the filing of the Original Report.

**Item 9A (T). Controls and Procedures**

Management is responsible for the preparation, integrity and fair presentation of the financial statements and Notes to the financial statements. The financial statements were prepared in accordance with the accounting principles generally accepted in the U.S. and include certain amounts based on management's judgment and best estimates. Other financial information presented is consistent with the financial statements.

Management is also responsible for establishing and maintaining adequate internal control over financial reporting as defined in Rules 13a-15(f) and 15d-15(f) under the Securities Exchange Act of 1934. The Company's internal control over financial reporting is designed under the supervision of the Company's principal executive and financial officers in order to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. The Company's internal control over financial reporting includes those policies and procedures that:

- (i) Pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of assets of the Company;
- (ii) Provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the Company are being made only in accordance with authorizations of management and directors of the Company; and
- (iii) Provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Evaluation of Disclosure Controls and Procedures. An evaluation of the effectiveness of the design and operation of the Company's disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the Exchange Act)) as of December 31, 2008 was conducted under the supervision and with the participation of the Company's management, including Jess Jankowski, the Chief Executive Officer (CEO) and Chief Financial Officer (CFO) of the Company. Based on that evaluation, Mr. Jankowski concluded that the Company's disclosure controls and procedures were effective as of such date to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms and that the Company's disclosure controls and procedures are effective to ensure that material information required to be disclosed by the Company in reports that it files or submits under the Exchange Act is accumulated and communicated to the management, including the CEO and CFO, as appropriate to allow timely decisions regarding required disclosures.

Changes in Internal Control over Financial Reporting. The Company's management, including Mr. Jankowski, the CEO and CFO of the Company, confirms that there was no change in the Company's internal control over financial reporting during the quarter ended December 31, 2008 that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

Based on our assessment and those criteria, management believes that the Company maintained effective internal control over financial reporting as of December 31, 2008.

This annual report does not include an attestation report of the company's registered public accounting firm regarding internal control over financial reporting. Management's report was not subject to attestation by the company's registered public accounting firm pursuant to temporary rules of the Securities and Exchange Commission that permit the company to provide only management's report in this annual report.

**SIGNATURES**

Pursuant to the requirements of Section 13 or 15(d) 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, on the 16th day of September, 2009.

**NANOPHASE TECHNOLOGIES CORPORATION**

By: /s/ Jess Jankowski  
Jess Jankowski  
President and Chief Executive Officer

By: /s/ Frank Cesario  
Frank Cesario  
Chief Financial Officer

**EXHIBIT INDEX**

- 31.1 Certification of Chief Executive Officer pursuant to Rules 13a-14(a) and 15d-14(a) under the Exchange Act.
- 31.2 Certification of the Chief Financial Officer pursuant to Rules 13a-14(a) and 15d-14(a) under the Exchange Act.