AUGUST TECHNOLOGY CORP Form 425 March 16, 2005

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM 8-K

Current Report Pursuant to Section 13 or 15(d)

Of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): March 16, 2005

AUGUST TECHNOLOGY CORPORATION

(Exact Name of Registrant as Specified in its Charter)

Minnesota

(State or Other Jurisdiction of Incorporation)

000-30637 (Commission File Number) 41-1729485 (IRS Employer Identification No.)

4900 West 78th Street Bloomington, Minnesota 55545

(Address of Principal Executive Offices) (Zip Code)

(952) 820-0080

(Registrant s Telephone Number, Including Area Code)

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01 Other Events.

On March 16, 2005, August Technology Corporation issued a press release announcing that it has received notification of early termination of the waiting period under the Hart-Scott-Rodino Antitrust Improvements Act of 1976, as amended, with respect to the proposed merger with Nanometrics. In addition, August Technology announced that the Company has been notified by the Antitrust Division of the Department of Justice that it has commenced an investigation into the other offers received by August Technology. The full text of the press release is set forth in Exhibit 99.1 attached hereto and is incorporated in this Current Report as if fully set forth herein.

Item 9.01 Financial Statements and Exhibits.

- (a) Financial statements: None.
- (b) Pro forma financial information: None.
- (c) Exhibits:

99.1 Press release dated March 16, 2005.

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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 hereunto duly authorized.

Dated: March 16, 2005

AUGUST TECHNOLOGY CORPORATION

By /s/ David L. Klenk

David L. Klenk, President and Chief Operating Officer

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AUGUST TECHNOLOGY CORPORATION

EXHIBIT INDEX TO FORM 8-K

Date of Report:

March 16, 2005

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EXHIBIT ITEM NO.

99.1 Press Release dated March 16, 2005

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