

AUGUST TECHNOLOGY CORP  
Form 8-K  
September 23, 2004

**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): **September 22, 2004**

**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:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  
  - o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  
  - o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  
  - o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 2.02 Results of Operations and Financial Condition.**

On September 22, 2004, August Technology Corporation issued a press release announcing lowering near term revenue guidance. The full text of the press release is set forth in Exhibit 99.1 attached hereto and is incorporated in this 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:

Exhibit 99.1 Press release dated September 22, 2004.

**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: September 22, 2004

AUGUST TECHNOLOGY CORPORATION

By            /s/            Stanley D. Piekos  
   Stanley D. Piekos, Chief Financial Officer

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

**AUGUST TECHNOLOGY CORPORATION  
EXHIBIT INDEX TO FORM 8-K**

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<b>EXHIBIT NO.</b>	<b>ITEM</b>
99.1	Press Release dated September 22, 2004