

Item 2.02. Results of Operations and Financial Condition.

On October 15, 2010, Allegheny Technologies Incorporated (the “Company”) issued a press release updating the Company’s third quarter 2010 outlook. A copy of the press release is attached as Exhibit 99.1 and is being furnished, not filed, under Item 2.02 of this Current Report on Form 8-K.

Item 9.01. Financial Statements and Exhibits.

(d) *Exhibits.*

Exhibit 99.1 Press release dated October 15, 2010.

SIGNATURE

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.

ALLEGHENY TECHNOLOGIES
INCORPORATED

By: */s/ Jon D. Walton*

Jon D. Walton

Executive Vice President, Human Resources,
Chief Legal and Compliance Officer

Dated: October 15, 2010

EXHIBIT INDEX

Exhibit No. Description

Exhibit 99.1 Press release dated October 15, 2010.