





**Item 8.01. Other Events.**

On March 29, 2010, Allegheny Technologies Incorporated issued a press release announcing a first quarter 2010 tax charge as a result of recent U.S. healthcare legislation. A copy of the press release is attached as Exhibit 99.1 to this Form 8-K.

**Item 9.01. Financial Statements and Exhibits.**

*(d) Exhibits.*

Exhibit 99.1 Press release dated March 29, 2010.

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**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: March 29, 2010

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**EXHIBIT INDEX**

**Exhibit No.    Description**

Exhibit 99.1    Press release dated March 29, 2010.