

Item 2.02 Results of Operations and Financial Condition.

On February 1, 2011 the Company issued a press release reporting the financial results of the Company for the quarter ended December 31, 2010. A copy of the press release is attached to this report as Exhibit 99.1 and incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits. The following exhibit is being furnished pursuant to Item 601 of Regulation S-K and General Instruction B2 to this Form 8-K:

| Exhibit No. | Description |
|-------------|---------------------------------------|
| 99.1 | Press release dated February 1, 2011. |

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 thereunto duly authorized.

RTI INTERNATIONAL METALS, INC.

Date: February 1, 2011 By: /s/ William T. Hull

William T. Hull,

Senior Vice President and Chief Financial Officer

(principal accounting officer)