

Mail Stop 3561

August 7, 2006

BY U.S. MAIL

Troy D. Zinn  
Chief Financial Officer  
2501 North Lamar Blvd.  
Austin, TX 78705

**Re: Littlefield Corporation**  
**Item 4.02 Form 8-K**  
**Filed July 26, 2006**  
**File No. 0-24805**

Dear Mr. Zinn:

We have reviewed your filing and have the following comments. Where indicated, we think you should revise your document in response to these comments. If you disagree, we will consider your explanation as to why our comment is inapplicable or a revision is unnecessary. Please be as detailed as necessary in your explanation.

Pursuant to Rule 101(a)(3) of Regulation S-T, your response should be submitted via EDGAR, under the label "corresp," within five business days of the date of this letter. Please note that if you require longer than five business days to respond, you should contact the staff immediately to request additional time.

Please understand that the purpose of our review process is to assist you in your compliance with the applicable disclosure requirements and to enhance the overall disclosure in your filing. We look forward to working with you in these respects. We welcome any questions you may have about our comments or on any other aspect of our review. Feel free to call us at the telephone numbers listed at the end of this letter.

Troy D. Zinn  
Littlefield Corporation  
August 7, 2006

Item 4.02 of Form 8-K

Non-Reliance on Previously Issued Financial Statements or a Related Audit Report or Completed Internal Review

1. The information required under Item 4.02 of the Form 8-K instructions should be disclosed in the body of the Form 8-K. Please revise.
2. Please revise to provide a description of the facts underlying the conclusion to restate the Form 10-QSB for the interim period ended March 31, 2006.

Other

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes all information required under the Securities Exchange Act of 1934 and that they have provided all information investors require for an informed investment decision. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In connection with responding to our comments, please provide, in writing, a statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filing; and
- the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

In addition, please be advised that the Division of Enforcement has access to all information you provide to the staff of the Division of Corporation Finance in our review of your filing or in response to our comments on your filing.

Troy D. Zinn  
Littlefield Corporation  
August 7, 2006

Closing

You may contact the undersigned below at (202) 551-3307, or in her absence, Robert Benton, Senior Staff Accountant, at (202) 551-3804, if you have questions regarding the above matters.

Sincerely,

Theresa A. Messinese  
Staff Accountant