

Room 4561

December 22, 2006

Mr. John Stone
Chief Financial Officer
S1 Corporation
3500 Lenox Road
Suite 200
Atlanta, GA 30326

Re: S1 Corporation
Form 10-K for Fiscal Year Ended December 31, 2005
Filed March 16, 2006
Form 8-K Filed November 2, 2006
File No. 000-24931

Dear Mr. Stone:

We have reviewed the above referenced filings and have the following comments. Please note that we have limited our review to the matters addressed in the comments below. We may ask you to provide us with supplemental information so we may better understand your disclosure. Please be as detailed as necessary in your explanation. After reviewing this information, we may raise additional comments.

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 any other aspect of our review. Feel free to call us at the telephone numbers listed at the end of this letter.

Form 10-K for the Fiscal Year Ended December 31, 2005

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

Executive Overview, page 19

1. We note the disclosure on page 20 of operating expenses excluding the impact of merger related costs and restructuring charges. This appears to be a non-GAAP

measure. Please tell us, in detail, how you have considered the requirements of Item 10(e)(1) of Regulation S-K.

Form 8-K Filed November 2, 2006

2. We note that you disclose income from continuing operations excluding stock-based compensation and restructuring charges and "EBITDA, as adjusted." It appears that your presentation lacks any substantive disclosure that addresses the various disclosures in Question 8 of the Frequently Asked Questions Regarding the Use of Non-GAAP Financial Measures. For example, the disclosure does not explain, in sufficient detail, the economic substance behind your decision to use the measures, why you believe the measures provide investors with valuable insight into your operating results, or why it is useful to an investor to segregate each of the items for which adjustments are made. Additionally, you do not provide any discussion regarding the material limitations associated with each measure or the manner in which you compensate for such limitations. Note that we believe that detailed disclosures should be provided for each adjustment to your GAAP results and each non-GAAP measure. Further, please note that you must meet the burden of demonstrating the usefulness of any measure that excludes recurring items, especially if the non-GAAP measure is used to evaluate performance. Please explain to us how your current disclosure meets these requirements.

As appropriate, please amend your filing and respond to these comments within 10 business days or tell us when you will provide us with a response. Please submit all correspondence and supplemental materials on EDGAR as required by Rule 101 of Regulation S-T. You may wish to provide us with marked copies of any amendment to expedite our review. Please furnish a cover letter with any amendment that keys your responses to our comments and provides any requested information. Detailed cover letters greatly facilitate our review. Please understand that we may have additional comments after reviewing any amendment and your responses to our comments.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing reviewed by the staff to be certain that they have provided all information investors require for an informed 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;

Mr. John Stone
S1 Corporation
December 22, 2006
Page 3

- 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.

You may contact Christine Davis, Staff Accountant at (202) 551-3408 or Mark Kronforst, Assistant Chief Accountant, at (202) 551-3451 or me at (202) 551-3730 if you have questions regarding these comments.

Sincerely,

Craig Wilson
Senior Assistant Chief Accountant