Mail Stop 3561

August 13, 2009

By Facsimile and U.S. Mail

Mr. Mark M. Jacobs President and Chief Executive Officer RRI Energy, Inc. 1000 Main Street Houston, Texas 77002

Re: RRI Energy, Inc. Form 10-K and Form 10-K/A for the Fiscal Year Ended December 31, 2008 Filed March 2, and April 30, 2009 File No. 1-16455

Dear Mr. Jacobs:

We have completed our review of your filings and have no further comments at this time.

Sincerely,

Mara Ransom Legal Branch Chief