

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549-3561

Mail Stop 3561

January 22, 2010

Mr. Bruce Nelson Chief Financial Officer Global Clean Energy Holdings, Inc. 6033 W. Century Blvd, Suite 895 Los Angeles, California 90045

Re: Global Clean Energy Holdings, Inc.

Form 10-K for Fiscal Year Ended December 31, 2008

Filed April 15, 2009

Form 10-K/A for Fiscal Year Ended December 31, 2008

Filed December 2, 2009 File No. 000-12627

Dear Mr. Nelson:

We have completed our review of your Form 10-K and related correspondence and have no further comments at this time.

Sincerely,

John Reynolds Assistant Director