

Mail Stop 3561

June 17, 2009

Gregory L. Ebel
President and Chief Executive Officer
Spectra Energy Corp
5400 Westheimer Court
Houston, TX 77056

Re: Spectra Energy Corp
Form 10-K for Fiscal Year Ended December 31, 2008
Filed February 27, 2009
File No. 001-33007

Dear Mr. Ebel:

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

Sincerely,

H. Christopher Owings
Assistant Director

cc: David P. Oelman
Vinson & Elkins L.L.P.
Facsimile No. (713) 615-5861