

August 24, 2010

Via International Mail and Facsimile (403-290-0592)

David K. Lifschultz
Chief Executive Officer
Genoil Inc.
777 – 8 Avenue S.W., Suite 1650
Calgary, Alberta, Canada T2P Y5

**Re: Genoil Inc.
Form 20-F for the Fiscal Year Ended December 31, 2009
Filed July 1, 2010
File No. 0-50766**

Dear Mr. Lifschultz:

We have limited our review of your filing to your contacts with countries that have been identified as state sponsors of terrorism, and we have the following comment. Our review with respect to this issue does not preclude further review by the Assistant Director group with respect to other issues. At this juncture, we are asking you to provide us with supplemental information, so that we may better understand your disclosure. Please be as detailed as necessary in your response. 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 filings. 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.

General

1. We note the disclosure on page 16 and elsewhere that you are making substantial efforts to market your products in the Middle East, Africa, and the Caribbean, regions that are generally understood to include Iran, Syria, Sudan, and Cuba. These countries are identified by the State Department as state sponsors of terrorism, and are subject to U.S. economic sanctions and export controls. We note that your Form 20-F does not include disclosure regarding contacts with the referenced countries.

Please describe to us the nature and extent of your past, current, and anticipated contacts with Iran, Syria, Sudan, and Cuba, if any, whether through subsidiaries, joint ventures, agents, or other direct or indirect arrangements, since your letters to us filed June 23, 2006 and June 30, 2006. Your response should describe any goods, services, technology, or information that you have provided into Iran, Syria, Sudan, and Cuba, directly or indirectly, and any agreements, commercial arrangements, or other contacts you have had with the governments of those countries or entities controlled by those governments.

* * * * *

Please respond to this comment within 10 business days or tell us when you will provide us with a response. Please submit your response letter on EDGAR.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filings include all information required under the 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 the 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 filings;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filings; 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 filings or in response to our comments on your filings.

Please understand that we may have additional comments after we review your response to our comment. Please contact Pradip Bhaumik, Special Counsel, at (202) 551-3333 if you have any questions about the comment or our review. You may also contact me at (202) 551-3470.

Sincerely,

Cecilia Blye, Chief
Office of Global Security Risk

cc: Roger Schwall
Assistant Director
Division of Corporation Finance