



UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549-7010

April 29, 2009

Via U.S. Mail

Fred Jheon  
President and Chief Executive Officer  
ETF Services LLC  
555 California Street, Suite 2900  
San Francisco, CA 94104

**Re: ETF Services Palladium Trust  
Registration Statement on Form S-1  
Filed April 2, 2009  
File Number 333-158380**

Dear Mr. Jheon:

We have reviewed your filing and have the following comments. Where indicated, we think you should revise your document in response to these comments. If you disagree, we will consider your explanation as to why our comment is inapplicable or a revision is unnecessary. Please be as detailed as necessary in your explanation. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure. 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 on any other aspect of our review. Feel free to contact us at the telephone numbers listed at the end of this letter.

Cover Page

1. Here, in the Summary and the Plan of Distribution, clarify whether investors wishing to purchase in the Offering must purchase a complete basket or whether they will be able purchase a lesser amount. If there is a minimum amount, so indicate.

Purchasing activity in the palladium market . . . . , page 7

2. Given the potential for temporary increases that you cite, tell us what consideration you have given to limiting the eventual size of the Trust.

Overview of the Palladium Industry, page 14

3. Reconcile the statement under “Demand for Palladium” that “[a]utocatalysts are the largest component of palladium demand, *with total demand increasing to 55% of total supply by the end of 2008*” with the statement at the bottom of page 15 that “autocatalyst demand has *decreased* in 2008 from its 2001 peak of 72% of total demand to 55% by 2008.”

The Investment Sector, page 14

4. Quantify the percentage of the platinum market represented by investors and speculators. It is not clear whether this is the sector designated by “Other” under “Demand” in the table on page 15.

Closing Comments

As appropriate, please amend your registration statement in response to these comments. You may wish to provide us with marked copies of the amendment to expedite our review. Please furnish a cover letter with your 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 your amendment and responses to our comments.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes all information required under the Securities Act of 1933 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 a company’s disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

Notwithstanding our comments, in the event the company requests acceleration of the effective date of the pending registration statement, it should furnish a letter, at the time of such request, acknowledging that:

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- should the Commission or the staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the company may not assert staff comments and the declaration of effectiveness 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 connection with our review of your filing or in response to our comments on your filing.

We will consider a written request for acceleration of the effective date of the registration statement as confirmation of the fact that those requesting acceleration are aware of their respective responsibilities under the Securities Act of 1933 and the Securities Exchange Act of 1934 as they relate to the proposed public offering of the securities specified in the above registration statement. We will act on the request and, pursuant to delegated authority, grant acceleration of the effective date.

We direct your attention to Rules 460 and 461 regarding requesting acceleration of a registration statement. Please allow adequate time after the filing of any amendment for further review before submitting a request for acceleration. Please provide this request at least two business days in advance of the requested effective date.

You may contact Tracey L. McNeil at (202) 551-3392 or, in her absence, the undersigned at (202) 551-3745 with any questions.

Sincerely,

H. Roger Schwall  
Assistant Director

cc: Via Facsimile  
Peter J. Shea, Esq.  
(212) 894-5724