MEMORANDUM

Date: December 9, 2010

To: Blaine Johnson

From: George Whitmer

Subject: **Saft Battery, Response to Questions**

Following is the response to your questions:

1. Where do the carbon scrubbers exhaust?

   The carbon scrubbers exhaust to the atmosphere. The emissions are fugitive and extremely minor. They are so minor as to not be calculable.

2. Are there 2 or 3 electrolytes?

   There are only 2 electrolytes. The third electrolyte referenced is for future potential. At this point, it is not known if there will be a third one or what it will be.

3. What is the consumption rate of NMP and other materials?

   See the attached Estimated Chemical Usage spreadsheets. One spreadsheet gives usage at the maximum cell production rate (21/7) and the other gives usage at the estimated annual production rate.

4. What are the exhaust temperatures for the wet scrubber and drying (coating) ovens?

   The wet scrubber exhaust temperature will be 70 ^{o}F. The drying ovens do not exhaust to the atmosphere.

5. Are there 7 or 8 carbon scrubbers?

   There are 8 carbon scrubbers as follows:

   - 4 cabinets in the feeding system, 1 carbon scrubber/cabinet
   - 2 filling systems, 1 carbon scrubber on each filling system
   - 1 in coating/mixing
   - 1 in formation in the emergency system (this is probably the one not shown).

Attachment