



ORBITAL TECHNOLOGIES CORPORATION

13 March 2009

Congresswoman Tammy Baldwin
House of Representatives
2446 Rayburn Building
Washington DC 20515

Honorable Ms. Baldwin

As we have discussed in prior years, the capability for Controlled Agricultural Manufacturing has been uniquely generated in Wisconsin with historical spaceflight verification of such technologies. As a small business, we continue to work tirelessly to commercialize the capabilities into new economic reality within Wisconsin with the following examples:

- demonstrated fundamental capability in nearly \$1M of scale-up of Controlled Agricultural Manufacturing rooms within existing facilities in Madison
- Discovered new processes to increase protein yields by several factors of magnitude currently in the patent process
- signed exclusive intellectual property rights for the spider silk product with plans to manufacture in Wisconsin
- validated that our lighting and environmental control systems provide 50% energy savings compared to conventional systems
- are attaining new multi-million equity and debt working capital for commercialization and product launches
- continue to team and work with City, State, and other public entities to establish a general capability in Wisconsin that will lure other similar types of plant-made products, including next generation pharmaceutical manufacturing that can fulfill “orphan” and individualized medicine applications

Your support will provide the seed capital that enables the establishment of the Controlled Agricultural Manufacturing capabilities in Wisconsin. Our ORBITEC team, and especially me personally, commit to creating this nations next generation plant-made proteins with the highest energy efficiency, highest productivity, highest reliability and consistency, and the lowest equivalent cost. Huge markets and growth potential await us with the first product being the Phytosilk (also known as spider silk) as the next replacement of Kevlar. Pharmaceuticals and medicines are the next commercial products, followed by year-round commercial agriculture anywhere in the state (or globe). This capability combines the legacy and heritage of Wisconsin’s strengths: manufacturing, agriculture, and biotechnology.

We look forward to advancing this new economic source of jobs and global product production within the next several months. Please call me directly should you have any questions.

Sincerely,

ORBITAL TECHNOLOGIES COPORATION

Thomas M. Crabb
President / CFO

