



April 30, 2014

To Whom It May Concern,

It is my pleasure to offer my endorsement and approval of the STARS Innovation Credit being submitted by UC San Diego as part of the campus STARS submittal.

My name is Nguyen Minh. I am an internationally well known expert on fuel cells and have been involved in the development of fuel cells and related energy technologies in the last twenty five years. My experience covers a full spectrum of industrial/product R&D areas, ranging from technology assessment, strategy and roadmap formulation, fundamental and engineering study to processes and manufacturing development, system design and operation, prototype demonstration, and cost/market analysis.

The named Innovation Credit – 2.8-megawatt “directed biogas” fuel cell – meets the criteria for the innovation section. While fuel cells themselves are not a new technology, the application of a commercial fuel cell of this size powered by directed biogas is a first on a university campus in the United States. This project has made UC San Diego a community leader in the advancement of integration with enabling technologies.

There is no doubt that this project at UC San Diego is extraordinary and uncommon in integration engineering of energy systems, fitting the STARS requirements for an innovative credit. If additional information is needed, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Nguyen Minh".

Nguyen Minh  
Associate Director  
Center for Energy Research  
UC San Diego  
nminh@ucsd.edu