

Received

Clarification of Experience

a) Primary – SolarDyne

Tilden has been acting as a self employed electric designer and installer of solar systems, and as President of SolarDyne, LLC which designs and installs solar systems. He has taken multiple NEC based courses on solar installations, has passed both the entry level and full PV Installer NABCEP (North American Board of Certified Energy Practitioners) exams and is now a NABCEP Certified Solar PV Installer™. He has designed solar PV installations, both physically and electrically, done all estimating and purchasing for the systems, installed and wired them, and interconnected them with utility approval. He then follows the progress of these systems to monitor performance and functionality. He also performs any necessary maintenance. As the manager of the company I am able to attest that he has done so for two and a half years and performed 5,000 hours of work to date.

NC STATE BOARD OF EXAMINERS OF ELECTRICAL ENGINEERS

b) Secondary – Electrical Engineering at Duke University

Tilden acquired a 4 year electrical engineering degree at Duke University which included numerous electrical courses covering theoretical and practical matters addressed by the National Electrical Code. Based on a 50% creditable experience: 4 years=8,000 hours \* 50% = 4,000 hours.

c) Other – Biomedical Device Design

While working for Advanced Bionics, a subsidiary of Boston Scientific, Tilden was involved in the design, fabrication, validation, verification, and clinical use of neurostimulators. Neurostimulators are implanted electronic devices which provided electrical stimulation to various nerves of patients to treat many disorders. He was on a team which both designed the hardware and software of the electrical devices, then once a functional device had been tested, he participated in the clinical trials assisting physicians with the phase III clinical trials where these electrical devices were initially tested on human subjects. He then followed both the performance of the devices and the efficacy of the treatment for the patients for at minimum 12 months post test, noting needed modifications and making these changes to both the hardware and software. Having performed this job for just over 3 years and at 50% creditable experience this equaled 3,000 hours.

*Charles T. Hagan III*

Charles T. Hagan III, Manager  
SolarDyne, LLC

NORTH CAROLINA  
GUILFORD COUNTY

Sworn to and subscribed before me,  
this the 25th day of January, 2012.

*Katherine A. Gagne*  
Signature of Notary Public

Katherine A. Gagne  
Printed Name of Notary



My Commission Expires: 3-12-12