May 25, 2023

U.S. National Committee of the International Electrotechnical Commission

American National Standards Institute (ANSI)

25 West 43rd Street, 4th floor

New York, NY 10036

Dear USNC/IEC Young Professional Selection Panel,

As the Chair of IEC/TC 114, Marine energy – Wave, tidal and other water current converters, the Convener of the IECRE Marine Energy Sector Working Group (ME-SWG) and as a member of the USNC/CAPCC and the USNC/TMC, among other USNC/IEC standing committees, I am writing to strongly support and recommend Ms. Caitlyn Clark as a candidate for one of the US nominees for the 2023 IEC Young Professionals program. Ms. Clark is an excellent nominee, and I am pleased to endorse her application. Ms. Clark is relatively new to standards, conformity assessment and the IEC, however, her excitement, interest and intelligence are obvious. I believe she would benefit greatly from participating in the program and I believe her participation would greatly benefit the USNC/IEC, the US TAG to IEC TC 114, and IEC TC 114, among others.

I met Ms. Clark through IEC TC 114 where she has served as a US Subject Matter Expert on MT 62600-101 since 2020, working on a 2nd edition of IEC TS 62600-101 “Wave energy resource assessment and characterization”, a critical standard for the wave energy sector of the marine energy industry. Impressed by her technical background, initiative and interest in standards, the US TAG encouraged her to apply for the program. I witnessed her expertise firsthand during the annual TC 114 Plenary Meeting held in Edinburgh, Scotland in April 2023. Ms. Clark attended and positively contributed to the face-to-face AG 1 (Chair’s Advisory Group), MT 62600-101, and Plenary meetings held during the week.

Ms. Clark’s background is with the National Renewable Energy Laboratory (NREL) and their hybrid energy systems research group, including support for the marine energy industry. She also supports work in microgrid and hydrogen production research, both of which are critical to the future of marine energy, an all-electric society, and a carbon free electrical grid. In this role, her contributions to, and continued support of, the standards writing process and the need for independent, 3rd-party verification is an asset to the success of not only the marine renewable energy sector, but the broader renewable energy sector and the precedent of national laboratory support to the standards and certification process for both the IECRE ME-SWG and IEC TC 114. It should also be noted that NREL is one of only two laboratories in the world accredited to ISO/IEC 17025 with a scope in standards developed by IEC TC 114. The knowledge she will gain regarding standards and conformity assessment by participating in the IEC Young Professionals workshop will be incredibly valuable for the US.

Having been involved in standards work for many years, and a Young Professional in 2011, I know the importance of having a broad range of backgrounds and a diverse variety of participants to ensure a successful, well-rounded standards writing process (and an effective YP Workshop). To enhance the technical expertise that contributes to project and maintenance team success, Ms. Clark will bring the national laboratory perspective to the table and enable valuable technical input into the process. Further, her participation will support the gender diversity goals of the US and the IEC. I recommend her without reservation for this honor.

Sincerely,



Jonathan Colby

Chair, IEC/TC 114

Convener, IECRE ME-SWG

5/25/2023

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