

IEC Technical Committee 105 - History

- June 1996
 - IEC Committee of Action (NEMA is the US rep.) establishes an ad hoc group on fuel cell power plants to:
 - Remain current on technology developments
 - Define an IEC strategy for standardization
 - Represent the IEC at international standardization meetings
 - Comment on documents produced by others
 - Presidents Advisory Committee on Future Technology appoints member to represent the US

History Continued

- October 1997
 - First IEC fuel cell working group meeting
 - Agreed on needs for certain standards activities
 - Covered activities in progress
 - 4 participants (US absent)

History Continued

- Late 1997/Early 1998
 - Additional efforts to secure new members of the working group
- April 1998
 - USNC appoints another U.S. member (Conover)
- June 1998
 - Second IEC working group meeting
 - Recommendation to IEC to form a full Technical Committee and relevant subcommittees

History Continued

- July 1998
 - Report on June meeting sent to fuel cell interests in the US
- October 1998
 - IEC Committee of Action establishes IEC TC 105
- January 1999
 - US votes to be a “P” member of TC 105
 - No support for US being the secretariat to TC 105

History Continued

- March 1999
 - Kelvin Hecht nominated for TC membership and requests to be TA to the US TAG for TC 105
 - USNC votes for Japan as TC 105 Secretariat
 - Germany established as TC 105 Secretariat
 - IAS requests appointment as administrator of US TAG to IEC TC 105

Current Status

- IEC TC 105 exists with Germany as the Secretariat and the US as a “P” member
- IEC TC 105 is likely to meet later this year
- IEC TC 105 scope is likely to be similar to that of the original working group
- US TAG to be formed with IAS as possible secretariat and Kelvin Hecht as TA

Possible Actions for the “Industry”

- Put the ANSI Z21.83 standard (and future revisions) in ISO format and submit to TC 105 for consideration as an international standard
- Participate in US TAG formation and development of an international strategy for the US
- Segregate, but coordinate, efforts at the stationary, portable, and vehicular levels
- Support US TAG administrators (IAS, SAE, ???)