



**International Association for Hydrogen Energy
Nuclear Hydrogen Division**

**Tuesday, June 5, 2012 at 4:30 p.m.
Toronto Hilton Hotel, 145 Richmond Street West
Jackson Room, Lower Level**

19th World Hydrogen Energy Conference

Minutes of Meeting

Attendees:

- Greg Naterer (UOIT, Canada, greg.naterer@uoit.ca)
- David Scott (IAHE, Canada, davidsanbornscott@scottpoint.ca)
- Christine Mansilla (CEA, France, christine.mansilla@cea.fr)
- Adedoyin Odukoya (UOIT, Canada, adedoyin.odukoya@uoit.ca)
- Seiji Kasahara (JAEA, Japan, kasahara.seiji@jaea.go.jp)
- Sam Suppiah (AECL, Canada, suppiahs@aecl.ca)
- Youngjoon Shin (Korea Atomic Energy Research Institute KOR, nyjshin@kaeri.re.kr)
- Bo Yu (cassy_yu@tsinghua.edu.cn, Tsinghua University, China)
- Moises Romero Gonzales (University of Sheffield, UK, m.romero@sheffield.ac.uk)
- Max Gorenssek (Savannah River National Laboratory, USA, m.romero@shef.ac.uk)
- James O'Brien (Idaho National Lab, USA, james.obrien@inl.gov)
- Lloyd Brown (General Atomics, USA, lloyd.brown@ga.com)
- Seiji Kasahara (Japan Atomic Energy Agency JPN, Kasahara.seiji@jaea.go.jp)

1. Approval of the agenda

The agenda was approved as circulated.

2. Minutes of the meeting of June 20, 2011

The minutes of the meeting of June 20, 2011, were approved as circulated.

3. Welcoming remarks

Greg Naterer presented the background and history of the IAHE Nuclear Hydrogen Division (NHD). The NHD website has been updated to include background on various technologies of hydrogen production, as well as the activities of the Division.

4. Invited Presentation (David Scott)

David Scott gave a presentation on the safety record of nuclear energy including the Fukushima accident, where only 3 deaths occurred as a result of the accident and none due to radiation release. The presentation countered the misinformation provided by the media in regards to nuclear energy and the Fukushima accident.

5. Nuclear Hydrogen Pathways Presentation

A presentation was given by Greg Naterer on a nuclear hydrogen pathways project. It involved a ProGrid assessment methodology of comparing the relative merits of different nuclear hydrogen technologies for the purpose of developing and roadmap towards the commercialization of nuclear hydrogen technologies.

Rather than comparing the different technologies against each other, attendees found the Progrid methodology could be more effectively used to identify and assess the barriers to implementation that are independent of the method of producing hydrogen, such as societal acceptance, competing fossil fuel technologies, among others. A revised methodology and assessment will be developed, based on feedback received, and brought back to the next meeting.

6. Nuclear Hydrogen Pathways Presentation

To recognize technical achievements by a best paper award, it was suggested that selected papers from IJHE (International Journal of Hydrogen Energy) over the past year are assessed by the awards subcommittee to identify the top paper.

This method would identify a wider audience of authors and contributions in the field of nuclear hydrogen production, rather than selected papers from a conference, as used last year, since the conference is attended by a smaller group than journal authors.

7. Other business

Greg Naterer would consult with committee members to determine the preferred site of the next meeting, based on projected participation at one of the next summer conferences that includes sessions on nuclear hydrogen production.

8. Adjournment