

**DEPARTMENT OF ENERGY****Environmental Management Site-Specific Advisory Board, Northern New Mexico**

**AGENCY:** Department of Energy.

**ACTION:** Notice of open meeting.

**SUMMARY:** This notice announces a meeting of the Environmental Management Site-Specific Advisory Board (EM SSAB), Northern New Mexico. The Federal Advisory Committee Act (Pub. L. No. 92-463, 86 Stat. 770) requires that public notice of this meeting be announced in the **Federal Register**.

**DATES:** Wednesday, January 31, 2007, 2 p.m.–8:30 p.m.

**ADDRESSES:** Jemez Complex, Santa Fe Community College, 6401 Richards Avenue, Santa Fe, New Mexico.

**FOR FURTHER INFORMATION CONTACT:**

Menice Santistevan, Northern New Mexico Citizens' Advisory Board, 1660 Old Pecos Trail, Suite B, Santa Fe, NM 87505. Phone (505) 995-0393; Fax (505) 989-1752 or e-mail: [msantistevan@doeal.gov](mailto:msantistevan@doeal.gov).

**SUPPLEMENTARY INFORMATION:**

Purpose of the Board: The purpose of the Board is to make recommendations to DOE in the areas of environmental restoration, waste management, and related activities.

*Tentative Agenda:*

- 2 p.m. Call to Order by Deputy Designated Federal Officer (DDFO), Christina Houston.  
Establishment of a Quorum.  
Welcome and Introductions by Chair, J.D. Campbell.  
Approval of Agenda.  
Approval of Minutes of September 27, 2006, Board Meeting.  
Approval of Minutes of November 29, 2006, Board Meeting.
- 2:15 p.m. Board Business/Reports.  
Old Business, Chair, J.D. Campbell.  
Report from Chair, J.D. Campbell.  
Report from Department of Energy (DOE), Christina Houston.  
Report from Executive Director, Menice Santistevan.  
Other Matters, Board Members.  
New Business.
- 3 p.m. Break.
- 3:15 p.m. Committee Business/Reports.
- A. Environmental Monitoring, Surveillance and Remediation Committee—Introduction of Recommendations, Pam Henline.
- B. Waste Management Committee—Introduction of Recommendations, Committee Chair.
- C. Introduction of Other

- Recommendations to DOE, J.D. Campbell.
- D. Ad Hoc Committee on Bylaws, Presentation of Proposed Amendments for First Reading, Donald Jordan.
- 4:15 p.m. Reports from Liaison Members.
- U.S. Environmental Protection Agency (EPA), Rich Mayer.  
DOE, George Rael.  
Los Alamos National Security (LANS), Andy Phelps.  
New Mexico Environment Department (NMED), James Bearzi.
- 5 p.m. Dinner Break.
- 6 p.m. Public Comment.
- 6:15 p.m. Consideration and Action on Recommendations to DOE.
- 7 p.m. Presentation on Environmental Management at Los Alamos National Laboratory.
- 8 p.m. Round Robin on Board Meeting and Presentations, Board Members.
- 8:15 p.m. Recap of Meeting: Issuance of Press Releases, Editorials, etc., J.D. Campbell.
- 8:30 p.m. Adjourn, Christina Houston.
- This agenda is subject to change at least one day in advance of the meeting.
- Public Participation:* The meeting is open to the public. Written statements may be filed with the Board either before or after the meeting. Individuals who wish to make oral statements pertaining to agenda items should contact Menice Santistevan at the address or telephone number listed above. Requests must be received five days prior to the meeting and reasonable provision will be made to include the presentation in the agenda. The Deputy Designated Federal Officer is empowered to conduct the meeting in a fashion that will facilitate the orderly conduct of business. Individuals wishing to make public comment will be provided a maximum of five minutes to present their comments.
- Minutes:* Minutes will be available at the Public Reading Room located at the Board's office at 1660 Old Pecos Trail, Suite B, Santa Fe, NM. Hours of operation for the Public Reading Room are 9 a.m.–4 p.m. on Monday through Friday. Minutes will also be made available by writing or calling Menice Santistevan at the Board's office address or telephone number listed above. Minutes and other Board documents are on the Internet at: <http://www.nnmcab.org>.

Issued at Washington, DC on December 14, 2006.

**Rachel M. Samuel,**

*Deputy Advisory Committee Management Officer.*

[FR Doc. E6-21722 Filed 12-19-06; 8:45 am]

**BILLING CODE 6405-01-P**

**DEPARTMENT OF ENERGY****Office of Energy Efficiency and Renewable Energy****Hydrogen and Fuel Cell Technical Advisory Committee (HTAC)**

**AGENCY:** Department of Energy, Office of Energy Efficiency and Renewable Energy.

**ACTION:** Notice of open meeting.

**SUMMARY:** The Hydrogen and Fuel Cell Technical Advisory Committee (HTAC), established under the Energy Policy Act of 2005 (EPACT), Pub. L. 109-190, will hold its next meeting on January 9–10, 2007. The Federal Advisory Committee Act (Pub. L. No. 92-463, 86 Stat. 770) requires that agencies publish these notices in the **Federal Register** to allow for public participation. To attend the meeting and/or to make oral statements regarding any of the items on the agenda, e-mail [HTAC.Committee@ee.doe.gov](mailto:HTAC.Committee@ee.doe.gov) at least 5 business days before the meeting.

**DATES:** The meeting will begin on January 9, 2007, at 9 a.m. and will conclude at 11:45 a.m. on January 10, 2007.

**ADDRESSES:** U.S. Department of Energy, Room 1E-245, 1000 Independence Ave., SW., Washington, DC 20585.

**FOR FURTHER INFORMATION CONTACT:**

[HTAC.Committee@ee.doe.gov](mailto:HTAC.Committee@ee.doe.gov).

**SUPPLEMENTARY INFORMATION:**

*Purpose of Meeting:* To provide advice, information, and recommendations to the Secretary on the program authorized by Title VIII, Hydrogen, of EPACT.

Tentative Agenda (Subject to change; agenda updates will be posted on [hydrogen.energy.gov](http://hydrogen.energy.gov)). The following items will be covered on the agenda:

- Review and approval of minutes from conference call on November 17, 2006.
  - Review of HTAC's Deliverables and Milestones.
  - Transportation White Paper prepared by an ad-hoc group of multiple companies.
  - Portable and Stationary Applications White Paper prepared by HTAC members.
  - Presentation on DOE Infrastructure Activities.
  - Transitioning to a hydrogen economy.
  - DOE Hydrogen Posture Plan.
  - HTAC Subcommittees.
  - Public Comment Period (10:15–11:15 on Wednesday January 10, 2007).
- Public Participation:* In keeping with procedures, members of the public are

welcome to observe the business of HTAC and to make oral statements during the specified period for public comment. To attend the meeting and/or to make oral statements regarding any of the items on the agenda, e-mail

*HTAC.Committee@ee.doe.gov* at least 5 business days before the meeting.

(Please indicate if you will be attending the meeting both days or just one day.) Members of the public will be heard in the order in which they sign up for the Public Comment Period. Oral comments should be limited to two minutes in length. Reasonable provision will be made to include the scheduled oral statements on the agenda. The Chair of the Committee will make every effort to hear the views of all interested parties and to facilitate the orderly conduct of business. If you would like to file a written statement with the Committee, you may do so either before or after the meeting (electronic and hard copy).

**Minutes:** The minutes of the meeting will be available for public review and copying at the Freedom of Information Public Reading Room; Room 1E-190, Forrestal Building, 1000 Independence Avenue, SW., Washington, DC 20585, between 9 a.m. and 4 p.m., Monday through Friday, except Federal holidays.

Issued at Washington, DC on December 15, 2006.

**Rachel Samuel,**

*Deputy Advisory Committee Management Officer.*

[FR Doc. E6-21753 Filed 12-19-06; 8:45 am]

**BILLING CODE 6450-01-P**

## DEPARTMENT OF ENERGY

### Office of Energy Efficiency and Renewable Energy

#### Hydrolysis of Sodium Borohydride for On-Board Hydrogen Storage Go/No-Go Decision

**AGENCY:** Office of Energy Efficiency and Renewable Energy, Department of Energy (DOE).

**ACTION:** Notice of request for technical input to go/no-go decision.

**SUMMARY:** The Department of Energy (the Department or DOE) Hydrogen, Fuel Cells and Infrastructure Technologies Program, is requesting position papers or other technical documentation regarding hydrolysis of sodium borohydride for on-board vehicular hydrogen storage applications by April 30, 2007. Information regarding regeneration of the spent fuel resulting from hydrolysis of sodium borohydride may also be submitted. This information will be used as part of DOE's go/no-go

process in determining the future of DOE's program for applied research and development of hydrolysis of sodium borohydride for on-board hydrogen storage, including regeneration of the spent fuel.

**DATES:** Written position papers, articles or other technical documentation for consideration by the Department regarding this decision are welcome. Documents may be submitted via e-mail and must be received by April 30, 2007.

**ADDRESSES:** Please submit all documents to *h2storage@go.doe.gov*.

**FOR FURTHER INFORMATION CONTACT:**

Grace Ordaz, U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Mail Station EE-2H, 1000 Independence Avenue, SW., Washington, DC 20585-0121, Phone: (202) 586-8350, e-mail: *grace.ordaz@ee.doe.gov*.

**SUPPLEMENTARY INFORMATION:** The mission of the DOE's Hydrogen Program is to research, develop and validate fuel cell and hydrogen production, delivery, and storage technologies so that hydrogen from diverse domestic resources can be used in a clean, safe, reliable and affordable manner in fuel cell vehicles, electric power generation and combined heat and power applications. A critical requirement for enabling hydrogen fuel cell vehicles to achieve mass market penetration is the development of on-board hydrogen storage systems with enough capacity to meet driving range expectations (more than 300 miles in the United States), while meeting a number of requirements such as weight, volume and cost. Detailed technical targets developed by DOE, with input through the FreedomCAR and Fuel Partnership, are available at: <http://www1.eere.energy.gov/hydrogenandfuelcells/mypp/pdfs/storage.pdf>.

To address the critical requirement of on-board hydrogen storage, the Program has established a "National Hydrogen Storage Project" including three Centers of Excellence and independent projects covering a diverse portfolio of hydrogen storage R&D. Each Center of Excellence is focusing on a class of storage materials—metal (reversible) hydrides, chemical hydrides (non-reversible), and carbon (and other hydrogen adsorbent) materials. Each center has university, industry and national lab partners pursuing and leveraging their specific expertise in different areas. The Program has also expanded basic science efforts and coordination between DOE's Office of Energy Efficiency and Renewable Energy and Office of Science (see <http://www.hydrogen.energy.gov>).

On-board hydrogen storage systems must be developed that are safe, low cost and have high volumetric and gravimetric energy capacities in addition to meeting durability and operability requirements such as hydrogen charging and discharging rates. Periodic assessments and decision points on specific material technologies are included within the Hydrogen Storage sub-Program to meet the required targets within the Program timeframe.

Within the current storage portfolio, a number of promising storage materials are being studied which have the potential for hydrogen storage capacities comparable to or greater than initially envisioned. In the material class of chemical hydrides, sodium borohydride has been shown to provide an adequate source of hydrogen upon hydrolysis of the material. However, since the hydrolysis reaction is not reversible on board the vehicle, processes for efficient off-board regeneration of the spent fuel, sodium borate, must be developed for the hydrolysis of sodium borohydride to be a viable on-board storage option. The DOE Hydrogen Program initiated research to develop efficient regeneration processes for sodium borohydride in 2003. Researchers supported by the DOE Program and other entities have made progress in improving the efficiency of the regeneration process over that of the current industrial process through which sodium borohydride is produced. However, the overall efficiency of the regeneration process remains low when compared to the DOE goal of 60%. In 2005, DOE increased the level of effort for the efficient regeneration of spent fuel from hydrolysis of sodium borohydride by including this activity within the scope of DOE's Chemical Hydrogen Storage Center of Excellence. Results from these DOE R&D activities will also be used in DOE's go/no-go process in determining the future of applied research and development of hydrolysis of sodium borohydride for on-board vehicular hydrogen storage and of regeneration processes for the spent fuel.

**Scope Of Decision Process:** The DOE will make a decision regarding the future of its program for applied research and development of hydrolysis of sodium borohydride for on-board hydrogen storage by the end of September 2007. DOE will review the current state of activities related to hydrolysis of sodium borohydride, including the regeneration of spent fuel, and base its go/no-go decision on whether the following 2007 technical targets have been met: