Proceedings of the 2000 Hydrogen Program Review NREL/CP-570-28890

U.S. DOE Hydrogen Program 2000 Annual Review Meeting May 11, 2000 San Ramon, California

# Creating an Informed Public through a Video on Hydrogen Safety

presented by Geoffrey Holland Hydrogen 2000, Inc. of Studio City, California, is a non-profit 501 (c) (3) corporation formed in 1994. It has brought together some of the best technical people together with the expertise of the media and communications industry as board members and advisors.

Hydrogen 2000, Inc. video projects have raised the level of awareness of hydrogen and fuel cell technologies to countless audiences.

#### Element One, a one-hour documentary about hydrogen energy

- Broadcast in six different languages and at least eleven countries.
- Uplinked to satellite in 1997 and 1999 for broadcast on PBS stations across North America.
- Distributed to schools, universities, and libraries across the country by The Video Project.
- Premiered at the 11<sup>th</sup> World Hydrogen Energy
  Conference in Stuttgart. Invited Screening at NASA
  headquarters, Congress, and NHA and CHA meetings.
- Winner of the 1998 EarthVision '98 Environmental Film and Video Competition, and Honorable Mention in the 45<sup>th</sup> Annual Columbus International Film & Video Festival in 1997

Renewable Power: Earth's Clean Energy Destiny, a 29-minute educational video on hydrogen and renewable energy

- Distributed to schools, universities, and libraries across the country by The Video Project.
- Premiered at the 9<sup>th</sup> Canadian Hydrogen Conference in Vancouver, B.C.
- WOSU, a PBS station in Ohio, is sponsoring the video for a national PBS broadcast.
- Winner of an Emmy Award, the National Educational Media Network's Gold Apple Award, CINE's Golden Eagle Award, and an honorable mention in 1999 EarthVision '99 Environmental Film and Video Competition.

# Need for a Video on Hydrogen Safety

Lack of codes and standards for hydrogen energy systems and misconceptions about hydrogen safety has presented obstacles for those seeking to obtain necessary approvals from permitting officials and insurance companies.

#### Hydrogen: The Matter of Safety

Producer: William Hoagland Director: Geoffrey Holland

Supervising Producer: Susan Leach

Written by:
Geoffrey Holland, Susan Leach, and William Hoagland

A 20-minute video to educate permitting officials, fire marshals, and insurance companies—as well as science and engineering students—about hydrogen as a clean, efficient alternative fuel that is not inherently more dangerous than other widely used fuels.

A companion brochure will summarize key points and list sources of further information.

### **Sponsors**

The United States Department of Energy

Natural Resources Canada

NEDO/The Engineering Advancement Association of Japan

## **Additional Support**

Air Products and Chemicals, Inc.
International Association of Hydrogen Energy
Praxair, Inc.

### **Safety Video Review Process**

#### **Content Outline**

- Reviewed by over 20 experts selected from among Hydrogen 2000 directors, technical advisors, safety experts, and sponsors.
- Also reviewed by representatives of the target audience:
  - S A fire marshal / hazmat instructor from Littleton, CO
  - **S** A risk manager / NFPA committee member for Alternative Fuels Vehicles at Marsh & McLennan, a large insurance broker.

#### **Script**

 Reviewed by the above who offered specific comments and suggestions, improving the quality of the project. For information on obtaining the brochure and accompanying video, or to find out about other Hydrogen 2000 productions, contact:

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