

HYDROGEN TECHNICAL ADVISORY PANEL (HTAP)

SAFETY COMMITTEE

MEMEBERSHIP

CAROL BAILEY

ADDISON BAIN

DAVID HABERMAN

JOHN O'SULLIVAN

GEORGE SCHMAUCH, CHAIR

BACKGROUND

**HYDROGEN SAFETY- ONGOING CONCERN TO
HTAP MEMBERS**

**HYDROGEN ENERGY COMMUNITY MUST FOCUS
MORE ATTENTION ON HYDROGEN SAFETY ISSUES**

**BAILY- HABERMAN INITIATIVE TO FORM A H2
SAFETY COMMITTEE**

**TRANSFER INDUSTRY AND NASA SUCCESS IN H2
SAFETY TO THE HYDROGEN ENERGY COMMUNITY**

**MAKE H2 SAFETY A PRIORITY IN OUR NATIONAL
H2 ENERGY POLICY**

INITIAL ACTIVITIES

DEFINE PURPOSE, ROLE, & SCOPE

CONFERENCE CALLS

FIRST MEETING @ NHA HQ- SEPT 25,02

ASSISTANCE- NHA, NREL, & DCH,Inc

PARTICIPANTS - DOE, NASA, US NAVY SAFETY CENTER,
APCI, DCH, NREL, AND NHA

MAJOR ISSUES -

- HYDROGEN SAFETY
- CODES AND STANDARDS
- OUTREACH TO H2 COMMUNITY
- SAFETY COMMITTEE CHARTER

HTAP SAFETY CHARTER

MISSION

**ENHANCE HYDROGEN SAFETY IN THE HYDROGEN
ENERGY COMMUNITY WITH MAJOR FOCUS ON
DOE ACTIVITIES, PROGRAMS' & PROJECTS**

HTAP SAFETY CHARTER OBJECTIVES

- IDENTIFY HYDROGEN SAFETY CONCERNS AND ISSUES THROUGHOUT THE HYDROGEN ENERGY COMMUNITY
- DETERMINE CURRENT STATUS AND ADEQUACY OF HYDROGEN SAFETY POLICIES, REGULATIONS, CODES & STANDARDS, AND GUIDELINES PERTINENT TO THE HYDROGEN ENERGY COMMUNITY
- PROVIDE A NATIONAL PLATFORM TO AIR CRITICAL HYDROGEN SAFETY ISSUES THAT IMPACT THE HYDROGEN ENERGY COMMUNITY

OBJECTIVES

(continued)

PROVIDE INPUT THROUGH HTAP TO ENHANCE
HYDROGEN SAFETY IN DOE POLICIES AND
PROGRAMS AFFECTING THE HYDROGEN ENERGY
COMMUNITY

ACTION PLAN

**CONDUCT H2 SAFETY SUMMITS WITH
GOVERNMENT & INDUSTRY TO:**

- DEFINE CURRENT NAT'L BASELINE ON
HYDROGEN SAFETY**
- IDENTIFY CRITICAL NEEDS IN CODES &
STANDARDS**
- IDENTIFY POTENTIAL SAFETY ROADBLOCKS &
BARRIERS TO A HYDROGEN ECONOMY**
- HELP DETERMINE A NATIONAL H2 SAFETY
AGENDA**

ACTION PLAN

(continued)

**MONITOR HYDROGEN SAFETY CODES &
STANDARDS ACTIVITIES**

**PROVIDE REPRESENTATION TO MONITOR OR LINK
WITH NATIONAL OR INTERNATIONAL SAFETY
CODES & STANDARDS ACTIVITIES THAT
WILL AFFECT THE HYDROGEN ENERGY
COMMUNITY**

**ENCOURAGE DOE TO DEVELOP AND APPLY A H2
SAFETY POLICY TO GUIDE FEDERAL HYDROGEN
ENERGY PROJECTS**

**IDENTIFY SAFETY BARRIERS THAT MAY IMPEDE
IMPLEMENTATION OF A NATIONAL HYDROGEN
ENERGY INFRASTRUCTURE**

ACTION PLAN

(continued)

PROVIDE HTAP AND DOE AN ANNUAL SUMMARY STATUS REPORT AND ASSESSMENT OF THESE ACTIVITIES INCLUDING THE IMPACT OF SAFETY CODES & STANDARDS ON NATIONAL COMPETITIVENESS IN HYDROGEN ENERGY