Chairman Glenn Benarick called the meeting to order at 0810 hours on October 8, 2010 at the Doubletree Hotel in San Diego, CA.

The listed task groups met on October 7, 2010 and will report later in the meeting.

Chairman Benarick welcomed everyone to the meeting of the NFPA Fire Service Occupational Safety and Health Technical Committee.

Chairman Benarick asked for a moment of silence for the recent deaths of two committee members: Frank Florence, NFPA Staff Liaison and Tom Healy, Fire Chief of Daisy Mountain Fire District, AZ. Frank and Tom had involvement with NFPA, NFPA Fire Service Section, and the Fire Service Occupational Safety and Health Technical Committee for more than 20 years.

Steven Sawyer has been assigned the staff liaison for the technical committee for an indefinite period of time. Steven discussed the use of the “ECommittee” page and how to access technical committee information. For members that need access to the “ECommittee” page, contact Steve.

Members and guests were introduced.

**Members Present**

Glenn Benarick, Chairman  David Love
Murrey Loflin, Secretary  Donald Prezant
Donald Aldridge  Joseph Rivera
Sandy Bogucki  David Ross
Dennis Childress  Mario Rueda
Dominic Colletti  Denise Smith
Thomas Cuff  Donald Stewart
Michael Finkelman  Philip Stittleburg
Scott Kerwood  Phillip Vorlander
Steve Kreis  Teresa Wann
Michael Laton  Kim Zagaris
Tammy Lopes

Brett Bowman
Craig Fry
Stephen Raynis
Andrew Schwartz
Thomas Hales
Jay Tarley
Guests:
Dave Bernzweig – Columbus, OH Fire Department
Dr. Jim Fleming – Phoenix Fire Department
Katie Hathaway – American Diabetes Association
Dr. Dan Lorber – American Diabetes Association

Staff:
Steven Sawyer – NFPA Staff Liaison

A motion to accept the meeting minutes from the FSOSH Technical Committee Meeting in Baltimore, MD on May 13 – 15, 2010 and the FSOSH Technical Committee Conference Call on August 30, 2010 was made by Phil Volander and a second by Tom Cuff. The motion passed.

Chairman Benarick discussed the timeline for NFPA 1500 and NFPA 1582 as both documents are in the 2012 Annual Meeting Cycle.

<table>
<thead>
<tr>
<th>Annual Meeting 2012 Documents</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA 1500, <em>Standard on Fire Department Occupational Safety and Health Program</em>;</td>
<td></td>
</tr>
<tr>
<td>NFPA 1582, <em>Standard on Comprehensive Occupational Medical Program for Fire Departments</em>;</td>
<td></td>
</tr>
<tr>
<td>Report on Proposals Closing Date</td>
<td>November 23, 2010</td>
</tr>
<tr>
<td>Final Date for ROP Meeting</td>
<td>February 25, 2011</td>
</tr>
<tr>
<td>ROP Document Published</td>
<td>June 24, 2011</td>
</tr>
<tr>
<td>Report on Comments Closing Date</td>
<td>August 30, 2011</td>
</tr>
<tr>
<td>Final Date for ROC Meeting</td>
<td>November 4, 2011</td>
</tr>
<tr>
<td>ROC Document Published</td>
<td>February 24, 2012</td>
</tr>
</tbody>
</table>

The remaining documents are in the following meeting cycle:

NFPA 1521, *Standard on Fire Department Safety Officer*: Fall 2013
NFPA 1561, *Standard on Emergency Service Incident Management System*: Fall 2013
NFPA 1581, *Standard on Fire Department Infection Control Program*: Fall 2014
NFPA 1583, *Standard on Fire Department Health Related Fitness Programs*: Fall 2014
NFPA 1584, *Standard on Rehabilitation for Members Operating at Incident Scenes and Training Exercises*: Fall 2014
The next order of business was **Task Group Reports.**

- **Diabetes – Dr. Tom Hales:**
  The discussion was focused around the issues of the medical history, the diagnosis of diabetes, relationship of athletes and fire fighters with diabetes, and the medical requirements for law enforcement officers and the relationship with the requirements in NFPA 1582. The primary discussion focused on the HA1C <8% over three month period.

  More information is attached to the meeting agenda. See information on “ECommittee” page.

- **Prosthetics and Amputees – Dr. Don Stewart:**
  The task group is developing language regarding amputees in the candidate category. The language being developed is for amputations for lower extremities. There is little information available other than the work the military is currently developing. The military is developing criteria to get amputees with prosthetics back into operations. (Proposed language is on “ECommittee” page.)

- **Heart and EKG – Dr. Tom Hales:**
  Dr. Hales discussed the proposed changes made relating for candidates: physical examination (6.1.1) and vascular system (6.9.2). For members, changes include: physical examination (7.6), hypertension (9.4.20) – changes made to language in the standard (9.4.20.1) and Annex (A.9.4.20.1), and Annex D (D.2.2) Cardiology.

  Dr. Hales then discussed proposed changes for Electrocardiograms (EKG) in Section 7.7.6 (7.6.6.1, 7.7.6.2, 7.7.6.3) as well as Annex Material in A.7.7.6.3;

  Also, the task group will add language regarding a candidate or member with a heart transplant. (Proposed language is on “ECommittee” page.)

- **Epilepsy – Dr. Sandy Bogucki:**
  Dr. Bogucki recommended that the current language in NFPA 1582 relating to Epilepsy stay as is.

- **Pregnancy – Tammy Lopes:**
  Tammy discussed proposed changes in NFPA 1582 relating to pregnancy in Section 4.3, Paragraph 6.11.2, A.7.7.9.2, Annex B 1.2.1 *Pregnancy and Reproduction*, and proposed new language (9.18.1, 9.18.2 and A9.18.2) regarding of the reporting of the pregnancy to the employer and the assignment to limited duty. (Proposed language is on “ECommittee” page.)

- **Pulmonary Function Tests – Dr. David Prezant:**
The technical committee has received comments regarding the pulmonary function tests and the requirements in the 2007 edition of NFPA 1582. The revision of the document will reference new methods - NHANESIII (predictors) for evaluating test results. Candidate must meet 80% of predicted results.

- **Monocular Vision – Dr. Don Stewart:**
  This issue was discussed at the meeting in Baltimore in May. Dr. Stewart referenced a study that was done regarding monocular vision and the requirements for a commercial driver’s license. At this time, an individual with monocular vision can still apply for a CDL. Dr. Stewart’s recommendation is not to change the requirements for candidates in NFPA 1582.

- **Coagulation and Medications – Dr. Don Stewart:**
  Dr. Stewart stated the task group discussed the issue of low-dose coagulation which at this time, the physicians that are still developing language.

- **Hearing Aids – Dr. Sandy Bogucki:**
  No manufacturer of hearing aids will certify their hearing aid for use in water. The current language will stay as is until technology changes on the design of hearing aids.

- **PSA – Dr. Tom Hales:**
  The American Cancer Society and National Cancer Institute changed the requirements for prostate specific antigen (PSA). New language will be added to 7.7.1 – Blood Tests and 7.7.2 Prostate Specific Antigen (PSA) test plus A.7.7.2. (Proposed language is on “ECommittee” page.)

The meeting of the Fire Service Occupational Safety and Health Technical Committee recessed at 1605 hours on October 8, 2010 and convened at 0805 hours on October 9, 2010.

- **SCBA and Air Management – Dennis Childress:**
  Respiratory Protection Equipment in Section 7.11 being revised based upon information from NFPA 1981, *Standard on Open Circuit Self-Contained Breathing Apparatus*. The issue is to require an exit strategy to be practiced when the SCBA cylinder reaches a level of 600 liters or more. This will require fire fighters to exit an IDLH atmosphere in prior to the activation of the low-air alarm. NFPA 1404, *Standard for Fire Service Respiratory Protection Training* is also addressing this issue. This issue needs to be coordinated between all three documents.

  The ‘Exit Strategy” for SCBA use to be moved to Chapter 8.5 – *Members Operating at Emergency Incidents*.

  Also changes will be in 7.14.5, 7.14.8, and 7.14.9. (Proposed language is on “ECommittee” page.)
Vehicle and Highway Operations – Scott Kerwood:
Scott discussed the addition of 6.4.9, which is for the inspection, maintenance of service of water craft in compliance with NFPA 1925. Also, 8.7.5 is re-written to comply with the requirements of the Manual on Uniform Traffic Control Devices (MUCTD) for Streets and Highways. Proposed language is on “ECommittee” page.)

PPE/Proximity Turnout Gear – Joe Rivera:
Joe discussed the revisions of the following of NFPA 1500: Chapter 2 – Referenced Publications, Definitions: Proximity Fire Fighting and Structural Fire Fighting; 5.1.8 and A.5.1.8, 5.1.8.2; Changes in 5.3.10 and A.5.3.10; 6.3.6 and delete A.6.3.6; New 7.1.1.1 and A.7.1.1.1; Section 7.3 – Proximity Clothing for Proximity Fire Fighting Operations; 7.4 – Protective Clothing for Emergency Medical Operations; (Proposed language is on “ECommittee” page.)

Collapse Zones – David Ross:
The following changes were proposed: to add a term – collapse zone. A definition for collapse zone and no entry zone (from NFPA 1521) were added. Language changes in 8.6 – Control Zones. New language on collapse zones which was submitted by Jay Tarley. (Proposed language is on “ECommittee” page.)

Task Group Chairs need to have all revised language to Steve Sawyer by December 1, 2010.

Research Projects:
Chairman Benarick asked about issues that the technical committee could develop a research project which could be funded by NFPA. The technical committee focused on the several possible projects:
- diabetic fire fighters,
- Fire fighters using prosthetics;
- Hypertension and the fire service,
- shift-related sleep disorder,
- respiratory protection for wildland fire fighters,
- fire fighter injury data reporting system;

Next Meeting:
The dates of next meeting will be February 10 – 12, 2011. The location is scheduled for Los Angeles, CA. This will be confirmed by Staff Liaison Steven Sawyer. This is a change from San Antonio, TX which was printed in the agenda.

NFPA 1561, Standard on Emergency Services Incident Management System
Chairman Benarick discussed the future of NFPA 1561 in relation to the advent of Homeland Security Presidential Directive (HSPD) 5 and National Incident Management System (NIMS). How can this standard best help the fire service and other public safety
agencies with the Type 4 and Type 5 incidents which occur in this country on a daily basis?

What direction does the technical committee want to take with the document? There are several options:
- the standard stays the same with revisions;
- develop a new document under the NFPA 1500 umbrella;
- add an Annex to the current edition of NFPA 1561;

The technical committee needs to make a decision regarding the future of the standard at the February 2011 meeting.

Old Business:
No old business

New Business:
No new business

NFPA 1582 Update
Dr. Prezant and Dr. Stewart provided an update on task group work such as amputees and prosthetics.

Adjournment:
A motion was made by Scott Kerwood and a second by David Love to adjourn the meeting. The motion passed and the meeting adjourned at 1145 hours on October 9, 2010.