1. The secretary read the minutes from the December 3, 2001 meeting which were accepted.

2. The treasurer's report was read and accepted.

3. A motion was made and carried to accept the application of Patrice Blue as a member of the NJ SFPE Chapter.

4. The NJ Chapter Seminar will be held on April 5, 2002 at the Hanover Manor. Topics will include the World Trade Center and engineering ethics/legal considerations in fire protection design. Also, a cocktail party will take place after the seminar in honor of the Chapter's 25th anniversary.

John Cholin conducted a presentation titled, "Fly-ash Storage Silo Explosion Reconstruction."

This presentation provided the audience with an insight into loss reconstruction and demonstrated the importance of incorporating numerous engineering disciplines not just fire protection engineering, into the analysis. This reconstruction was needed to determine the events that led to a catastrophic failure of a silo at a fly ash recycling facility. Since the fly ash stored in the silo (about 8,500 tons) was fully oxidized as a by-product of burning coal utilized in adjacent power plant, the questions to be answered were, "What caused this failure and was it negligent design or an explosion?"

As a result of the reconstruction performed, it appeared that the cause of this explosion was a deflagration of CO gas, which occupied a portion of the silo.
Major Fortune 500 Insurance Broker Located in the NY Metropolitan area has a position available for a Senior Property Risk Control Specialist to provide consultative services to internal and external clients. The successful candidate will have had 3 to 7 years experience with the testing and or design of various fire suppression systems as well as extensive knowledge of local building and fire codes. Prior experience with an insurance carrier or broker is essential. Some local travel required. Degree in a related field is preferred. Salary negotiable. Contact John Callahan at 888-762-7327 ext. 209 and or e-mail resume to Jcallahan@RMAinc.com.

AUDITABLE ALARM EVACUATION SIGNALS

The 1995 National Building Code of Canada requires the fire alarm signals to sound the TEMPORAL-THREE (T-3) pattern as defined in ISO STANDARD 8201 "Acoustics - Audible Emergency Evacuation Signal. It is believed that the T-3 pattern will become a worldwide sound that means "EVACUATE THE BUILDING IMMEDIATELY."

A recent study was conducted by NRC-CNRC to assess the public's recollection, identification and perception of the URGENCY of the T-3.

Six different signals were used in the study, T-3 car horn; reverse alarm (truck); a fire alarm bell; a slow whoop fire alarm and an industrial warning buzzer.

Public members were approached in such buildings as shopping malls, offices, libraries and airports. A total of 307 participants were interviewed. The T-3 was correctly identified as a FIRE or EVACUATION Alarm only 6% of the time. The T-3 was usually associated with domestic signals such as a busy phone or an alarm clock. Only the buzzer was rated below the T-3 as related to URGENCY.

The project suggests that considerable public education is necessary to improve people's recognition of the T-3 signal and that it is unrealistic to believe people will begin evacuation as soon as they hear the T-3. It is recommended that staff information or voice alarm information will always be needed to confirm that evacuation is needed. Specific questions can be directed to Dr. Guylene Proulx at (613) 993-9634, Fax (613) 954-0463 or email guylene.proulx@nrc.ca. Briefed from Construction Innovation Volume 6, Number 4, Fall 2001, published by the National Research Council Canada.

Editor's Comment: The T-3 is not alone. We have personally noted on numerous occasions that the public is reluctant to evacuate a building regardless of the signal. As stated above CONSIDERABLE PUBLIC EDUCATION IS NEEDED FOR ALL ALARMS even for Fire Prevention specialists.

The INTERNATIONAL BUILDING CODE ENTAILS "a distinctive signal not used for any other purpose" and a variety of sound pressure levels (dBA). See Section 907.9.2 IBC.
NFPA GOES ELECTRONIC WITH "UPDATE"

Beginning in January, 2002 NFPA "UPDATE", their bi-monthly newsletter will become a monthly electronic newsletter. The new e-version will be e-mailed directly to your computer. What do you do?

The electronic version of NFPA UPDATE will be mailed to ALL NFPA members for whom NFPA has a valid e-mail address. Visit NFPA on-line to register your address. (www.nfpa.org).

**LOSS CONTROL CONSULTANT NEEDED**

Starr Technical Risks Agency, Inc., is seeking a Loss Control Consultant with experience in “energy” and related classes of business. The selected individual will spend approximately fifty percent of his/her time conducting loss control surveys at insured’s and prospective insured’s sites, primarily in the Northeastern part of the U.S. The Consultant will develop market reports, interview prospective clients and make recommendations. The remainder of this person’s time will be spent in the New York Regional office, writing reports and supporting the underwriting activities of the staff. Further details of this position are contained in the September and October issues of the Fusible Link.

Qualified candidates can contact Rhonda Clarke at 212-770-5099.

HIGHLY PROTECTED RISK (HPR) PROPERTY SPECIALIST

TVA Fire & Life Safety is looking for several HPR engineers to work out of our NJ office. Other positions throughout the US are also available. The candidate will advise customers for the purposes of safeguarding property against fire, explosion, and related hazards by performing the following duties:

- Conducts detailed surveys of industrial and commercial properties to obtain construction, occupancy, protection and exposure details.
- Evaluates adequacy of protection.
- Reviews plant conditions to determine largest potential catastrophic loss (Maximum Foreseeable Loss).
- Prepares detailed engineering reports in a timely fashion to confirm survey findings and outline recommendations.
- Analyzes exposures, prioritizes needed improvements and provides loss prevention/control advice to existing and prospective customers.
- Develops protection requirements for new construction projects and evaluates proposed safeguards through review of plans and on-site inspections.
- Prepares correspondence to communicate engineering findings and recommends priorities.
- Maintains regular contact with customers to resolve loss prevention/control issues; suggests alternative solutions to recommendations.

QUALIFICATIONS

Bachelor's degree (B. S.) in an applicable engineering discipline or equivalent combination of education and experience is required. Three years
experience with an HPR firm is preferable. Working knowledge of Factory Mutual and NFPA Standards.

Excellent communication and interpersonal skills. Ability to respond to inquiries from customers. Must possess the ability to read, analyze, and interpret full sets of blueprints, professional journals, technical procedures, or governmental regulations. Must possess the ability to write reports, business correspondence, and to effectively present information and respond to questions from customers.

Please contact Chuck Gandy, TVA Fire & Life Safety, 200 Valley Road Suite 306, Mt. Arlington, NJ 07856-(973) 398-1445 x4514, fax (973) 398-1442, e-mail cgandy@tvafiresafety.com.

FM GLOBAL JOB OPENINGS

FM Global’s Parsippany, NJ office has several job openings for engineers and underwriters in their HPR and Commercial Properties divisions. If you are interested in applying for any of the following you can e-mail your resume to joseph.janiga@fmglobal.com or call Joe at 973-402-2200x6774.

ACCOUNT ENGINEER - In this position, you will work directly with the underwriters to evaluate and assess the nature, probability, and magnitude of loss potential and communicate this to the customer and account team. You’ll prioritize exposures, ensure the customer understands the hazards and risk to their facilities, find agreeable solutions, and you’ll implement needed changes. Through teamwork with FM Global field engineering, underwriting, claims and new business development, you’ll provide leadership and responsive service with innovative solutions to challenges that will foster long-term customer relationships.

The candidate should have an engineering Degree and at least 3 years F&EC field engineering experience. Must have excellent communication, analytical, presentation, sales, time management, and teamwork skills. Strong leadership, risk identification, quantification, and assessment skills are required. Effective problem solving and computer skills are needed. About 20% overnight travel is anticipated.

F&EC LOSS PREVENTION CONSULTANT - The person(s) in this position will be responsible for loss prevention evaluations and risk improvement for a wide range of occupancies in the NJ/NY metropolitan region.

The candidate should have a B. S. degree in an engineering discipline. The candidate should have excellent written and verbal communication skills along with strong interpersonal skills. Additional skills include computer competency in current technology and software, excellent time management skills and the ability to work independently from a home office. Expected overnight travel is approximately 10-25%.

SPRINKLER LICENSING BILL SIGNED

On December 28, 2001 Assembly Bill 1950 was signed into law. It establishes a certification program for persons who install, service, repair, inspect and maintain fire protection equipment. Oversight will be provided by the Department of Community Affairs. This is the sprinkler bill that has
been in the works for over 10 years and has finally been passed. Look for word on how rules and regulations will be promulgated and how this law will affect the Burglar Alarm, Fire Alarm and Locksmith committee.

**ARC-FAULT INTERRUPT**

Effective January 1, 2002, Arc-fault circuit interrupter protection will not be required in Connecticut. On October 23, 2001 the Department of Public Safety received approval from the Legislative Regulations Review Committee to amend the 1999 National Electrical Code which does require such protection.

**FIRE PROTECTION EQUIPMENT CERTIFICATION - NJ**

Legislation to establish a comprehensive certification process for contractors who install, service, inspect and maintain fire protection equipment was signed into law on December 28, 2001 by acting Governor DiFrancesco. The new law specifies that a fire protection contractor engaged in the installation, servicing, repair, inspection or maintenance of fire protection equipment must HOLD or EMPLOY an individual who holds a certificate to be issued by the Department of Community Affairs to signify that the company is qualified and has properly trained employees to do the work. The fire protection contractor who is not a certificate holder will be required to obtain a fire protection business permit, valid for three years.

Applicants for certification must be 18 years old, of good moral character, meet qualifications to be established by DCA and successfully pass a DCA examination. There will be, in addition to a comprehensive contractor, several other various classifications of certification. Contractors must carry liability insurance of at least $1 million. Work performed by an uncertified employee must be inspected by a certified holder. An Advisory Committee will also be appointed.

**GEORGE KOUTSOUBIS PE**

**SENIOR ENGINEER**

**ALPHA-OMEGA ENGINEERING PA**

235 Water Street • Perth Amboy NJ 08861
Tel 732.826.6162 • Fax 732.324.0057

**NJ Chapter April Seminar Status**

Given the events surrounding the World Trade Center, the program directors for this year’s seminar thought it would be timely to give our membership an up-to-date session on the WTC investigation. We have the opportunity to hear from a number of the FPE investigators as hired by various authorities as to their findings. It is not anticipated that their report will be officially released until after April. As such we will move the seminar to a later date. More information on this will be announced at the February meeting and in the March edition of the *Fusible Link*. 
2001-2002
MEETING DATES/PROGRAM

(Programs Subject to Change)
Watch web page concerning cancellation In case of possible inclement weather conditions

Feb. 4    Business Continuity Planning - Larry Wenzel
March 4   HID Lighting Dangers, GE Ed Yandek
April     Time, date and subject to be announced
May 6     Sprinkler Fitters Union 696 Sprinkler Economics, Field Trip @ Milburn
June 3    Viking Upright ESFR

*Watch Web Page for Weather Announcement

POSITIONS TAKEN BY SPEAKERS ARE NOT NECESSARILY THE POSITION OF THE NJ S.F.P.E.
All meetings are held at the Hanover Manor, Eagle Rock Road, Hanover, NJ (approximately 1½ miles west of Eisenhower Parkway).
Get Acquainted Hour 5:00-6:00 p.m. Adjournment is usually before 8:30 p.m. The Executive Committee meets at 4:00 p.m.
Editors Note—If you would like to advertise your company and help offset the cost of this publication, as well as having your business card in front of over 150 Fire Protection Professionals please call John Cholin at (201) 337-8621 for further information. The cost is $100 for 10 issues.

COMMITTEES 2001-2002

Standing Committees
Program:
   Mike Newman, Peter Rullo, Co-Chairs, with input from all members
   Consulting – Nick Chergotis
NY Chapter Liaison:
   Rich Reitberger (Pat Egan back-up liaison)
Arrangements:
   Mike Newman, Peter Rullo, Co-Chair
Membership:
   Sarge Slicer, Chairman
Nominating:
   Joe Janiga, Chairman
   Glenn Deitz
   Bob Murray
Scholarship Fund:
   Rich Reitberger, Chairman
   Robert Hall
   Two NY Chapter members to be assigned
Auditing:
   Jim Tolos
   Joe Janiga
Archivist/Historian:
   Jim Tolos
Communications:
   Fusible Link: Brad Hart, Interim Editor
   Dave Gluckman, Asst. Editor
   Ana Crisostomo, Publishing
Mailing/Automation:
   To be determined

Special Committees
Bylaws: Jim Tolos, Chairman
         Joe Janiga – Co-Chairman
Career Recruitment:
   Al Dopart, Chairman
   Tom Brereton
   Joe Stavish
   Glenn Deitz
   Dave Gluckman
Golf Outing:
   Richard Reitberger, Chairman
   Bob Murray
Awards:
   John Ed Ryan
   Frank Savino
PE Examination:
   John Cholin, Chairman
   Joe Janiga
   Mike Newman
   Chuck Gandy
Joint Seminar/Chapter Seminar
   Richard Reitberger, Chairman
   Nick Chergotis
   Pat Egan
   Dave Gluckman
Legislative:
   Rich Reitberger, Chairman
   Jerry Naylis
   Bob Murray
   Nick Chergotis
MEETING NOTICE

Date: Monday, February 4, 2002
Place: Hanover Manor
       16 Eagle Rock Avenue
       East Hanover, NJ

Price: In Advance - $22  At Door - $25

Dinner: Prime Rib or Fish

Social Hour: 5:00-6:00 (Cash bar for mixed drinks)
             Dinner at 6 PM

Speaker: Larry Wenzel

Topic: Business Continuity Planning

All officers, directors, and committee chairman are requested to attend a meeting at 4:00 p.m. at the Hanover Manor.

Please note for this meeting:

PLEASE COMPLETE AND RETURN WITH YOUR CHECK PAYABLE TO
"SFPE N.J. CHAPTER" TO:

Michael Newman
Johnson & Johnson
One Johnson & Johnson Plaza
New Brunswick, NJ 08933

NAME: ______________________________________________________________

COMPANY:________________ TELEPHONE____________________

☐ Prime Rib  ☐ Fish

ALL RESERVATIONS SHOULD BE RECEIVED BY FRIDAY, FEBRUARY 1, 2002. TELEPHONE RESERVATIONS OR CANCELLATIONS SHOULD BE RECEIVED BY NOON OF THE MEETING DAY.
Fusible Link Editors NJSFPE
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