Report of Committee on Atomic Energy

G. E. Weldon, Chairman
Factory Mutual Research Corporation

Richard E. Calmes, Offshore Power Systems
John J. Carney, Nuclear Energy Liability — Property Insurance Association
John M. Carson, Nuclear Regulatory Commission
J. A. Davenport, Factory Insurance Association
Fred T. Foster, Fire Marshal, Nuclear Materials & Equipment Corp.
George M. Hidzick, American Mutual Insurance Alliance
L. S. Homa, Underwriters' Laboratories, Inc.
Gary S. Jensen, The Sierra Group
J. W. Martin, Virginia Electric Power Company
J. Edward Maxwell, General Electric Company
Walter M. Maybee, Energy Research and Development Administration
Richard C. Perry, Reynolds Electrical & Engineering Co., Inc.
Herbert C. Reh, Burns and Roe, Inc.
Dr. John F. Riley, Fire Equipment Manufacturers Assn.

Alternates
F. L. Deacon, Kemper Insurance (Alternate to George M. Hidzick)
Bruce G. Scheiman, Fire Equipment Manufacturers Association (Alternate to Dr. John F. Riley)

This list represents the membership at the time the Committee was balloted on the text of this edition. Since that time, changes in the membership may have occurred.


The report has been submitted to letter ballot of the Committee, which consists of 15 voting members, of whom 10 have voted affirmatively. Messrs. Davenport, Foster, Martin, Maxwell, and Perry have not returned ballots.
Report of Committee on Aviation

The report of the Committee on Aviation consists of the following:


2. Five reports from the Sectional Committee on Aircraft Hangars and Airport Facilities consisting of: (a) revisions to NFPA No. 409–1973 (ANSI Z214.1–1974); (b) revisions to NFPA No. 416–1973 (ANSI Z246.1–1974); (c) complete revision of NFPA No. 417–1973; (d) a proposed new Standard NFPA No. 423–1975; and (e) a requested reconfirmation of NFPA No. 419–1969.

3. Three reports from the Sectional Committee on Aircraft Maintenance and Servicing seeking reconfirmation of: (a) NFPA No. 410A–1968; (b) NFPA No. 410E–1970; and (c) NFPA No. 410F–1970.

4. Two reports from the Sectional Committee on Aircraft Rescue and Fire Fighting consisting of: (a) revisions to NFPA No. 403–1974 (ANSI Z213.1–1974); and (b) revisions to NFPA No. 414–1970 (ANSI B128.1–1970).

Further explanation of each of these reports is given on the following pages.

Vote Statement

On the complete revision of NFPA No. 407, of the 15 voting members of the Aviation Committee who do not serve on the Sectional Committee on Aircraft Fuel Servicing, 8 have voted affirmatively and none negatively. Seven members have not returned their ballots to date (Messrs, Collier, Dumper, Lodge, Robinson, Stephan, Toyne and Zuber).

On the revision to NFPA No. 409, the revisions to NFPA No. 416, the complete revision to NFPA No. 417, the proposed new Standard on NFPA No. 423, and the reconfirmation of NFPA No. 419, of the 13 voting members of the Aviation Committee who do not serve on the Sectional Committee on Aircraft Hangars
and Airport Facilities, 7 have voted affirmatively and none negatively. Six members have not returned their ballots to date (Messrs. Collier, Dumper, Robinson, Stephan, Toyne and Zuber).

On the reconfirmations of NFPA Nos. 410A-1968, 410E-1970 and 410F-1970, of the 15 voting members of the Aviation Committee who do not serve on the Sectional Committee on Aircraft Maintenance and Servicing, 8 have voted affirmatively to date and none negatively. Seven members have not returned their ballots to date (Messrs. Collier, DeGiovanni, Dumper, Lodge, Robinson, Stephan and Toyne).

On the revisions to NFPA No. 403 and 414, of the 11 voting members of the Aviation Committee who do not serve on the Sectional Committee on Aircraft Rescue and Fire Fighting, 7 have voted affirmatively to date and none negatively. Four members have not returned their ballots to date (Messrs. Collier, Robinson, Toyne and Zuber).
COMMITTEE PERSONNEL

Committee on Aviation

Jerome Lederer,† Chairman,
468-D Calle Cadiz, Laguna Hills, CA 92653

Harvey L. Hansberry, Vice-Chairman,
2049 North Shepherd Drive, Northfield, NJ 08225

George H. Tryon,† Secretary,
National Fire Protection Association, 470 Atlantic Ave., Boston, MA 02210

J. C. Abbott, Consultant
H. J. Badger, The Boeing Co.
J. J. Brenneman, Chairman, NFPA Sectional Committee on Aircraft Rescue and Fire Fighting
F. P. DeGiovanni, Vice-Chairman, NFPA Sectional Committee on Aircraft Rescue and Fire Fighting
D. G. Dumper, American Airlines
P. M. Fitzgibbon, Chairman, NFPA Sectional Committee on Aircraft Hangars & Airport Facilities
W. Harris, Australian Dept. of Civil Aviation
B. V. Hewes, Vice-Chairman, NFPA Sectional Committee on Aircraft Rescue and Fire Fighting
R. L. Jackson, American Petroleum Institute
John E. Lodge, Civil Aviation Authority (United Kingdom)
A. J. Mercuro, Factory Insurance Association
J. A. O'Donnell, Chairman, NFPA Sectional Committee on Aircraft Fuel Servicing
H. B. Peterson, U. S. Naval Research Laboratory
Harold Pike, British Airways
Capt. Reuben P. Prichard, Jr., National Aeronautics & Space Administration
Victor B. Robinson, Jr., U.S. Dept. of the Air Force
John T. Stephan, American Assn. of Airport Executives
Frank W. Toyne, Trans World Airlines
Kenneth A. Zuber, Chairman, NFPA Sectional Committee on Aircraft Maintenance & Servicing and rep. Compressed Gas Association

Alternates
Wm. L. Hanbury, National Aeronautics & Space Administration (Alternate to Capt. Reuben P. Prichard, Jr.)
R. A. Hayward, Civil Aviation Authority, United Kingdom (Alternate to John E. Lodge)
D. A. Heine, Air Line Pilots Association (Alternate to B. V. Hewes)
Thomas A. Rafferty, American Assn. of Airport Executives (Alternate to John T. Stephan)
William F. Schacht, Factory Insurance Association (Alternate to A. J. Mecurio)
Richard Southers, American Petroleum Institute (Alternate to R. L. Jackson)

Nonvoting Members
J. G. W. Brown, British Airways
Stanley J. Green, General Aviation Manufacturers Association
V. Kidd, Ministry of Defence, Air Force Dept. (United Kingdom)
G. Hayden LeRoy, National Transportation Safety Board
Gene I. Martin, Aerospace Industries Association of America, Inc.
C. M. Middlesworth, Federal Aviation Administration, National Aviation Facilities Experimental Center
John A. Pope, National Business Aircraft Assn., Inc.
A. F. Robertson, National Bureau of Standards
Dr. R. R. Shaw, International Air Transport Association
Edwin L. Thomas, Air Transport Association
Chief of the Aerodromes, A.G.A., International Civil Aviation Organization

†Nonvoting
Report of Sectional Committee on Aircraft Fuel Servicing


Vote Statement

Of the 13 voting members of this Sectional Committee, all have voted affirmatively. (Mr. Maas voted affirmatively for Mr. Schafran.)

Sectional Committee on Aircraft Fuel Servicing

J. A. O'Donnell, Chairman,
4874 Clairemont Mesa Boulevard, San Diego, CA 92117

J. C. Abbott, Consultant
James J. Brenneman, United Air Lines
O. W. Bush, Eastern Air Lines
Richard L. Cisco, Parker-Hannifin (rep. Society of Automotive Engineers)
James L. Duncan, Trans World Airlines
P. M. Fitzgerald, Factory Mutual Research Corporation
S. D. Granberg, The Boeing Company
R. L. Jackson, Exxon Corp. (rep. American Petroleum Institute)
Gerald T. Murray, American Airlines
Harold Pike, British Airways
Eugene Schafran, Port Authority of New York and New Jersey (rep. Airport Operators Council International)

Alternates
G. Maas, Airport Operators Council International (Alternate to Eugene Schafran)
Richard Southers, American Petroleum Institute (Alternate to R. L. Jackson)
M. LeRoy Stoner, Society of Automotive Engineers (Alternate to Richard L. Cisco)

Nonvoting Members
William Clayton, Gates Rubber Co. (rep. Rubber Manufacturers Association)
Jerome Lederer, Consultant
John M. Mobley, Federal Aviation Administration, U.S. Dept. of Transportation
Edward J. McCarty, Rubber Manufacturers Association (Alternate to William Clayton)
Report of Sectional Committee on
Aircraft Hangars and Airport Facilities

The Report of the Sectional Committee on Aircraft Hangars and Airport Facilities is in five Parts as follows:


Part III contains a complete proposed revision of the Standard on Construction and Protection of Aircraft Loading Walkways (NFPA No. 417–1973) including the Tentative Interim Amendments thereto as approved by the NFPA Technical Advisory Committee and released in April 1974.


Vote Statement

On the revisions to NFPA No. 409, of the 24 voting members of the Sectional Committee, 23 have voted affirmatively with Mr. Pyrpyris voting for Mr. Schafran. Mr. Fulton's letter ballot request was lost in the mail, but his ballot will be reported at the meeting.

On the revisions to NFPA No. 416, of the 24 voting members of the Sectional Committee, all have voted affirmatively, with Mr. Pyrpyris voting for Mr. Schafran.

On the complete revision of NFPA No. 417, of the 24 voting members of the Sectional Committee, 23 have voted affirmatively with Mr. Pyrpyris voting for Mr. Schafran. Mr. Fulton's letter ballot request was lost in the mail, but his ballot will be reported at the meeting.
On the proposed new Standard on NFPA No. 423, of the 24 voting members of the Sectional Committee, 23 have voted affirmatively with Mr. Pyrpyris voting for Mr. Schafran. Mr. Fulton's letter ballot request was lost in the mail, but his ballot will be reported at the meeting.

On the proposed reconfirmation of NFPA No. 419, of the 24 voting members of the Sectional Committee, all have voted affirmatively with Mr. Pyrpyris voting for Mr. Schafran.

Sectional Committee on Aircraft Hangars and Airport Facilities

P. M. Fitzgerald, Chairman,
Factory Mutual Research Corporation,
1151 Boston-Providence Turnpike, Norwood, MA 02062

F. P. DeGiovanni, Vice-Chairman,
Senior Facilities Engineer, American Airlines, 633 Third Ave., New York, NY 10017

J. C. Abbott, Consultant
Donald S. Armstrong, Air Canada
Gene E. Benzenberg, Alison Control Inc.
J. J. Brenneman, United Air Lines, Inc.
R. C. Canning, Canadian Forces Headquarters
Donald A. Dtleh, National Electrical Manufacturers Assn.
J. C. Fulton, American Mutual Insurance Alliance
Stanley D. Granberg, The Boeing Company
Stuart C. Hand, J. S. Frelinghuysen Corp.
Harvey L. Hansbury, Consultant
O. C. Hanson, Trans World Airlines
E. B. Hoge, Eastern Air Lines
R. L. Jackson, American Petroleum Institute
Thomas J. Lett, U.S. Dept. of the Air Force (AFSC)
Fred Linde, National Foam Systems, Inc.
A. J. Mercurio, Factory Insurance Association
Harold Pike, British Airways
Eugene Schafran, Airport Operators Council International

Calvin E. Smith, Pan American World Airways
Eugene Stauffer, Fire Equipment Manufacturers' Association, Inc.

Alternates

K. J. Brewer, Canadian Forces Headquarters (Alternate to R. G. Canning)
R. B. Jones, National Electrical Manufacturers Assn. (Alternate to Donald A. Diehl)
Donald Maddock, Fire Equipment Manufacturers' Association, Inc. (Alternate to Eugene Stauffer)
Joseph H. Priest, National Automatic Sprinkler & Fire Control Assn. (Alternate to Charles F. Averill)

V. G. Pyrpyris, Airport Operators Council International (Alternate to Eugene Schafran)

William F. Schacht, Factory Insurance Association (Alternate to A. J. Mercurio)
Richard Southers, American Petroleum Institute (Alternate to R. L. Jackson)

Nonvoting Members

Mace H. Bell, American Institute of Steel Construction
James Hammack, Consultant
Jerome Lederer, Consultant
Thomas G. Williamson, American Institute of Timber Construction
AIRCRAFT MAINTENANCE AND SERVICING

Report of Sectional Committee on Aircraft Maintenance and Servicing

The Report of the Sectional Committee on Aircraft Maintenance and Servicing is in three Parts with each Part seeking reconfirmation of existing Recommended Practices on the identified aircraft maintenance operations in compliance with Paragraph 91 of the NFPA Regulations Governing Technical Committees as follows:


Copies of each of these Recommended Practices are available in pamphlet form and appear in the 1975 National Fire Codes in Volume 14 (NFPA No. 410A) or Volume 15 (NFPA No. 410E and 410F) for those interested in reviewing the texts for acceptability. References to other NFPA documents will be appropriately updated in the reconfirmed editions if accepted.

Vote Statement

Of the 14 voting members of the Sectional Committee, all members have voted in favor of the reconfirmations.

Letter ballots from the Aviation Committee have not been completed to date.

Sectional Committee on Aircraft Maintenance and Servicing

Kenneth A. Zuber, Chairman,
Walter Kidde & Co., Inc., Belleville, NJ 07109 (rep. Compressed Gas Assn., Inc.)

J. C. Abbott, Consultant
Capt. G. F. Bates, Canadian Dept. of National Defence
K. J. Brewer, Canadian Forces Headquarters
P. M. Fitzgerald, Factory Mutual Research Corp.
W. M. Geraghty, United Air Lines
Harold W. Gray, National Assn. of Fire Equipment Distributors, Inc.
R. L. Jackson, American Petroleum Institute
Herb Leppke, Air Line Pilots Assn.
Donald Maddock, Fire Equipment Manufacturers Assn.
R. S. Moore, Grumman Aerospace Corp.
J. L. O'Donnell, Eastern Air Lines
Harold Pike, British Airways

Eugene Schafran, Airport Operators Council International

Alternates
Edwin A. Olsen, Compressed Gas Assn., Inc. (Alternate to Kenneth A. Zuber)
Henry Matarazzo, Fire Equipment Manufacturers Assn. (Alternate to Donald Maddock)
Richard Southers, American Petroleum Institute (Alternate to R. L. Jackson)
R. Twiss, Airport Operators Council (Alternate to Eugene Schafran)

Nonvoting Members
Jerome Lederer (ex-officio), Consultant
C. M. Middlesworth, U.S. Dept. of Transportation, Federal Aviation Administration, NAPEC
Report of Sectional Committee on Aircraft Rescue and Fire Fighting

The Report of the Sectional Committee on Aircraft Rescue and Fire Fighting is in two Parts as follows:

**Part I** contains proposed revisions to the Recommended Practice for Aircraft Rescue and Fire Fighting Services at Airports and Heliports (NFPA No. 403-1974; ANSI Z213.1-1974 [2nd Edition]).


**Vote Statement**

On the revisions to NFPA No. 403, of the 47 voting members of the Sectional Committee, 40 members have voted affirmatively, none negatively, and one member wishes to be recorded as not voting (Mr. Badger). Six members have not returned their ballots to this date (Messrs. Burbridge, Casey, Dumper, Gagne, Landi, and Williams).

On the revisions to NFPA No. 414, of the 47 voting members of the Sectional Committee, 38 members have voted affirmatively, none negatively, and 3 members wish to be recorded as not voting (Messrs. Abbott, Badger, and Flagg). Six members have not returned their ballots to this date (Messrs. Burbridge, Casey, Dumper, Gagne, Landi, and Williams). Special attention is called to Item 95. The Sectional Committee has held a further meeting on this subject (March 6, 1975) and expects to be in a position to recommend a course of action to be included in the forthcoming "NFPA Technical Committee Documentation" for the 1975 Fall Meeting.

Sectional Committee on Aircraft Rescue and Fire Fighting

J. J. Brenneman, Chairman,
Fire Protection Engr., United Air Lines, San Francisco International Airport, San Francisco, CA 94128

B. V. Hewes, Vice-Chairman,
Air Line Pilots Association, 3581 N. Main St., College Park, GA 30337

J. C. Abbott, Consultant
H. J. Badger, The Boeing Co.
Chief Harry V. Burbridge, Seattle-Tacoma International Airport
John J. Byrne, Battalion Chief, Los Angeles City Fire Dept.
Robert C. Byrus, Consultant
Martin P. Casey, U.S. Dept. of the Air Force, AFSC
George R. Cooper, Jr., Walter Motor Trucks of Canada, Ltd.

Emmett T. Cox, International Assn. of Fire Fighters
Dan DeCoursin, Fire Apparatus Manufacturing Div., Truck, Body and Equipment Assn.
D. G. Dumper, American Airlines
Frederick H. Flagg, Port Authority of New York and New Jersey (rep. Airport Operators Council International)
S. D. Granberg, The Boeing Company
N. C. Gray, John F. Kennedy Space Center, National Aeronautics and Space Adm.
Gil Haas, Lee County (Florida) Division of Protective Services
Harvey L. Hansberry, Consultant
R. A. Harley, Dept. of Transport (Canada)
G. H. Hawes, Jr., Lockheed-Georgia Co.
D. H. Haynes, Trans World Airlines
D. A. Heine, Air Line Pilots Association
F. Don Huber, Naval Facilities Engineering Command
Franklyn P. Kellogg, Chief, Fire Dept. Burke Lakefront Airport (Cleveland)
Chief Paul Kowall, Firemen's Training Center (Nassau County, New York)
L. M. Krasner, Factory Mutual Research Corp.
Philip J. Landi, Helicopter Association of America
Thomas S. Lett, U.S. Dept. of the Air Force AFCMD (AFSC)
John E. Lodge, Civil Aviation Authority (United Kingdom)
Maj. W. G. MacDonald, Canadian Department of National Defence
William J. McNamara, U. S. Army Mob. Equipment Research & Development Center
Isaac Opame-Addo, Ghana Ministry of Internal Affairs
Capt. Dale W. Osbaugh, Denver Fire Department
H. B. Peterson, U. S. Naval Research Laboratory

Harold Pike, British Airways
S. Harry Robertson, Arizona State University
W. D. Robertson, Seattle-Tacoma Airport
Robert R. Rogers, Long Island MacArthur Airport
Capt. William T. Schmidt, Consultant
Chief Arthur G. Scott, Metropolitan Transportation Authority
L. A. Simms, Consultant
John T. Stephan, Mercer County Airport (rep. American Assn. of Airport Executives)
H. R. Wesson, University Engineers, Inc.
E. T. Williams, British Airports Authority

Alternates
William L. Collier, International Federation of Air Line Pilots Assns. (Alternate to B. V. Hewes)
T. L. Cowick, Dept. of Transport (Alternate to R. A. Harley)
R. A. Hayward, Civil Aviation Authority (United Kingdom)
Herb Leppke, Air Line Pilots Association (Alternate to D. A. Haine)
Fred W. Newman, Fire Equipment Manufacturers Association (Alternate to E. D. Zeratsky)
Thomas A. Raffety, American Association of Airport Executives (Alternate to John T. Stephan)

Nonvoting Members
Ray Alexander, Flextrac Nodwell
Robert R. Burford, 3M Company
Jack Carroll, National Transportation Safety Board (Alternate to C. Hayden LeRoy)
Louis R. DiMalo, National Foam System, Inc.
J. P. Dunne, O'Hare International Airport
Nicolas J. Gabriel, Civil Aviation Safety Centre
George B. Geyer, Federal Aviation Administration, NAFEC
Philip R. Haught, Fire Control Engineering Co.
Earl W. Keegan, Federal Aviation Administration, Airports Services (Alternate to John M. Mobley)
Alfred W. Latham, Rockwood Systems Corp.
Jerome Lederer (ex-officio), Flight Safety Foundation

C. Hayden LeRoy, National Transportation Safety Board
H. W. Marryatt, Australian Fire Protection Assn.
J. H. Mathlson, Australian High Commission, Malaysia
John M. Mobley, Federal Aviation Administration, Airport Services
James F. O'Regan, Fesseon Corporation
K. R. Pollard, Laurentian Concentrates, Limited
L. E. Rivkind, Mearl Corporation
Jose L. Santamaria, International Civil Aviation Organization
Marvin C. Tyler, Wright-Patterson Air Force Base
William J. Wenzel, Walter Motor Truck Company
H. V. Williamson, Cardox, Division of Chemtron Corp.
J. H. Yankle, Fire-X Corp.