Twenty-Eighth Annual Conference



1950

MAXIM MOTOR COMPANY

ESTABLISHED 1888

Factory

a

MIDDLEBORO, MASS.



Manufacturers of

FIRE APPARATUS • ALL TYPES

FIRE DEPARTMENT SUPPLIES
FIRE HOSE

MAXIM BUILT FIRE DEPT. LADDERS

Wentworth by-the-Sea. PORTSMOUTH-N-H.



ADVERTISERS INDEX		Bloom Sooth & Gurney Inc	$278 \\ 286 \\ 46$
A		Boston Automatic Fire Alarms Boston Booth & Chair Company	336
	52	Boston Carpet Laying Company	$\frac{148}{146}$
A. & G. Machine Co	332	Boston Electric Steel Casting Co Boston Insurance Company	36
Abington Mutual Fire Insurance Co	142	Boston Music Company	204
Acheson Hotels	$\frac{70}{186}$	Boston Office Partition Co	$\frac{140}{324}$
Adams & Soper	266	Boston Woven Hose Rubber Co	18
Albi Manufacturing Co	3 <u>4</u> 56	Boucher Company, J. C	$\frac{298}{250}$
Allen Rogers Corp	258	Rowles	192
Allied New Hampshire Gas Co	58	Brackett & Shaw Co	$\frac{62}{21}$
American Abrasive Company	$\frac{308}{94}$	Brackett & Shaw Co	102
American Bobbin Company	86	Bridgeport Casting Co	172
American Chain & Cable Co	$\frac{310}{310}$	Bridgeport Casting Co	$\frac{164}{162}$
American Fire Equipment Co	126	Bridgeport Housing Co	310
American Insurance Co	$\frac{292}{214}$	Bridgeport Hydraulic Co	$\frac{164}{160}$
American Mutual Liability Insurance Co. American Oil Company	314	Bridgeport Reople's Savings Bank	159
American Photograph Appliance Co	198	Bridgeport Pipe & Engineering Co	168
Ames Company, B. C	$\frac{238}{238}$	Bridgeport Thermostat Co Brigham & Drew	$\frac{164}{144}$
Ansin Company, J	332	Broadway Chevrolet Corp.	260
Anderson Oil Company, F. E	310	Brookline Federal Savings. Brookline Ice Coal Company. Bubin & Company, John R.	$\frac{166}{252}$
Androsoggen Die Company, Inc Architectural Stone Company	$\begin{array}{c} 72 \\ 314 \end{array}$	Bubia & Company, John R	292
Arden Rayshine Company	228	Buchanan Co., G. J	$\frac{264}{38}$
Ark Les Switch Corp	$\frac{332}{286}$	Buckley & ScottBullard Company	159
Arlington Dye Works	331	Burlin & Sons, Robert	206
Arneo Auto Supply Co	302	Burlington Trust Co	$\frac{80}{202}$
Athens Olympia Cafe	$\frac{284}{329}$	Dyron Weston Co	
Athol Savings Bank	196	C	
Atlantic Lobster House, Inc	$\frac{150}{312}$	Calamari Bros	298
Atlantic Ruling Company	140	Calamari Bros	330
Atlas Brass & Aluminum	$\frac{190}{172}$	Campbell Hardware Co Camden Shipbuilding Co. Inc	$\frac{254}{66}$
Atlas Powder Company	114	Canter Construction Co	272
Ashland Sand & Gravel Co	270	Capozzi's Cleaners & Dyers	$\frac{316}{292}$
Automatic Heating Corp	$\frac{230}{46}$	Cape Cod Marine Service	190
Automane File Main Company		Carlson Garnetting Mills Inc	238
В		Carpenter Manufacturing Co	$\frac{28}{296}$
B & G Sales Company	172	Cassidy Inc., W. S	202
Babson's Reports	132	Cataldo Inc	$\frac{238}{294}$
Back Bay Welding Company	326 60	Chamberlain Hats	330
Bagshaw Company, W. H	104	Champion Motors Champlin, William H Channing Inc., Walter	$\frac{152}{62}$
Baker, Charles T Baker Company Inc., Walter	$\frac{270}{230}$	Champing Inc. Walter	120
Balboni's Express	94	Chapman Valve Mig. Co	194
Balf Company, Edward	$\frac{156}{234}$	Chatfield Paper Company China House	$\frac{171}{292}$
Barbour Welting Company	206	Chicoine Motor Sales, Inc	74
Bardwell Hotel	$\frac{300}{304}$	Church & Co., Fred C	$\frac{306}{248}$
Barney's Lunch	138	Cities Service Oil Company	230
Batchelder Oil Company	237	Citrus Fruit Juices Inc	$\frac{294}{164}$
Beacon Piping Company	$\begin{array}{c} 264 \\ 300 \end{array}$	City Lumber Company	162
Bearing Specialty Company	210	City Savings Bank	168 68
Beckwith Mfg. Company Belgrade Shoe Company	$\frac{258}{74}$	Clark Shoe Company	308
Relknen Mills Corp	258	Cly-Del Manufacturing Company	156
Belanger Sons. H.	$\frac{115}{84}$	Coca Cola Bottling Co	$\frac{122}{328}$
Bellows Falls Co-operative Creameries Inc. Belmont Holding Company	296	Coffee Ann. Cohen, Mahoney & Ward. Coleman Disposal Company.	226
Belmont Savings Bank. Belotti, Victor Benmont Paper Inc. Benrus Watch Company	296	Coleman Disposal Company	$\frac{140}{184}$
Belotti, Victor	304 88	Colonial Bronze Company	288
Benrus Watch Company	298	Columbia Recording Corp	160
Bent Company, Robert M	$\begin{array}{c} 144 \\ 327 \end{array}$	Commonwealth Chevrolet Co	$\frac{242}{122}$
Bent Company, Robert M. Berger Metal Culvert Company. Bersworth Chemical Company.	270	Conda's Restaurant	326
Better Elomes Club Plan	242	Conley's Bay State Overall Cleaners Conn. Clasp Co	288 168
Bettinger Enamel Corp	$\frac{280}{115}$	Connecticut Fire Equipment Co	178
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Blackstone Valley Gas & Electric Co	99	Construction Specialties Company	232 76

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			$\frac{327}{252}$
Continental Shoe Corp	60		290
Cook Building Supply Co	190	Farr's Garage	84
Coolidge Cleaners	$\frac{322}{138}$		$\frac{128}{296}$
Coombe & Alcheath Inc	166		144
Coombs Motor Company	208	Federal Engraving Company	278
Cooper Company, Charles. Corbett Concrete Pipe Co. Corseglia Company, George V. Cornwall & Patterson Company.	$\begin{array}{c} 88 \\ 256 \end{array}$	Federal Flooring Corp	268
Corseglia Company, George V	314	Fenwal Inc. Ferdinand & Co. Inc., L. W	$\frac{128}{244}$
Cornwall & Patterson Company	310	Field & Cowles	114
Costin's Garage	$\frac{325}{152}$	Field Point Mfg. Corp	91
Crescent Park	208		$\frac{172}{196}$
Crescent Park. Croce, V. S. Cronin Inc., C. H.	140	First National Bank & Trust Co	202
Crowe Funeral Home	$\frac{302}{108}$	Fisher Churchill Company	282
Crown Hotel	98		$\frac{333}{200}$
Cull Silk Mills	182	Fitzgibbons Company	270
Cummings Machine Works	$\frac{292}{76}$		118
Cushing Troms Co	70	Folsom Funeral Home	$\frac{200}{330}$
D		Formatic Company	176
Dana Warp Mills	76		256
Dano Electric Company	176	Foxboro Company	$\frac{256}{56}$
Darling's	108	Fownes Manufacturing Company	56
Darman Company, Edward. Davidson Chevrolet Co	334	Framingham Trust Company	234
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Dedham Mills Deena Woolen Mills	2	Franklin County Savings Bank	327
Deering Company Anderson	$\frac{250}{144}$		202
Deering Company, Anderson	114	Fraynor Flowers	$\frac{314}{210}$
Delco Rubber Corp	274	Frazer & Walker	$\frac{252}{252}$
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Diamond, T. Motors. Diehl Sons, F. Dini's Sea Grill.	254	Fuller Brush Co 22	220
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Dix Heel Company Dolan Oldsmobile Co	$\frac{62}{189}$		
Donahue Civil Service School		Gagnon, Haskell Inc	86
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Donnelly Sons, John	52	Gamewell Company Rear Co	ver 91
Donnelly Sons, John. Don's Garage. Dorchester Mutual Fire Insurance Co.		Gamewell Company	94
Donnelly Sons, John. Don's Garage. Dorchester Mutual Fire Insurance Co Dower Bros. Inc.	$52 \\ 294 \\ 126 \\ 94$	Gamewell Company	$\frac{94}{84}$
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co Downey Company Company	$\begin{array}{c} 52 \\ 294 \\ 126 \\ 94 \\ 268 \end{array}$	Gamewell Company. Rear Co Gammino Construction Co. Gamwell & Ingraham Garand Company, S. L. Garbutt Inc., C. Dale. 2 Gay's Express.	$94 \\ 84 \\ 262 \\ 84$
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp.	52 294 126 94 268 318 12	Gamewell Company. Rear Co Gammino Construction Co. Gamwell & Ingraham. Garand Company, S. L. Garbutt Inc., C. Dale. 2 Gay's Express.	$94 \\ 84 \\ 262 \\ 84 \\ 45$
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co Draper Corp. Dreyfus Properties.	52 294 126 94 268 318 12 205	Gamewell Company. Rear Co Gammino Construction Co. Gamwell & Ingraham Garand Company, S. L. Garbutt Inc., C. Dale. 2 Gay's Express. Gelinas Cleaners. Gem Crib & Cradle Co. 5 Genden Bros. 5	$94 \\ 84 \\ 262 \\ 84 \\ 45 \\ 808$
Donnelly Sons, John Don's Garage. Dorchester Autual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage Dunham Brothers.	52 294 126 94 268 318 12 205 334	Gamewell Company. Rear Co Gammino Construction Co. Ganwell & Ingraham. Garand Company. S. L. Garbutt Inc., C. Dale. 2 Gay's Express. Gelinas Cleaners. Gem Crib & Cradle Co. 5 Genden Bros. 5 Genden Tors. 5 Genden Tors. 5 Genden Tors. 6	$94 \\ 84 \\ 262 \\ 84 \\ 45 \\ 608 \\ 192 \\ 246$
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co Draper Corp. Dreyfus Properties.	52 294 126 94 268 318 12 205	Gamewell Company. Rear Co Gammino Construction Co. Gamwell & Ingraham. Garand Company. S. L. Garbutt Inc., C. Dale. Gay's Express. Gelinas Cleaners. Gem Crib & Cradle Co. Genden Bros. Gendron Lumber Company, N. J. General Alarm Corp.	$94 \\ 84 \\ 262 \\ 84 \\ 45 \\ 608 \\ 192 \\ 246 \\ 32$
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc.	52 294 126 94 268 318 12 205 334 82	Gamewell Company. Rear Co Gammino Construction Co. Ganwell & Ingraham. Garand Company S. L. Garbutt Inc., C. Dale. 2 Gay's Express. Gelinas Cleaners Gem Crib & Cradle Co. 5 Genden Bros. 1 Gendron Lumber Company, N. J. 5 General Alarm Corp. Gibson Wear Well Company. 2	$94 \\ 84 \\ 262 \\ 84 \\ 45 \\ 808 \\ 192 \\ 246 \\ 32 \\ 232$
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc.	52 294 126 94 268 318 12 205 334 82	Gamewell Company. Rear Co Gammino Construction Co. Gamwell & Ingraham. Garand Company, S. L. Garbutt Inc., C. Dale. 2 Gay's Express. Gelinas Cleaners. Gem Orib & Cradle Co. 5 Genden Bros. 1 Gendron Lumber Company, N. J. General Alarm Corp. Gibson Wear Well Company. 2 Gibson & Barer Mfg. Co.	$94 \\ 84 \\ 262 \\ 84 \\ 45 \\ 608 \\ 192 \\ 246 \\ 32 \\ 232 \\ 40 \\ 240$
Donnelly Sons, John Don's Garage. Dorchester Autual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage Dunham Brothers. Du Pont De Nemours & Co. Inc. E E & J Company of N. E.	52 294 126 94 268 318 12 205 334 82 40	Gamewell Company. Rear Co Gammino Construction Co. Gamwell & Ingraham. Garand Company. S. L. Garbutt Inc., C. Dale. 2 Gay's Express. Gelinas Cleaners. Gem Crib & Cradle Co. 5 Genden Bros. 5 Genden Bros. 5 Genden Lumber Company. N. J. 5 General Alarm Corp. Gibson Wear Well Company. 2 Gilber & Barker Mfg. Co. 5 Gillespie Company. Robert. 2 Gillespie Company. Robert. 2 Gillmour & Rothery Company. 5	$94 \\ 84 \\ 262 \\ 84 \\ 45 \\ 808 \\ 192 \\ 246 \\ 32 \\ 232 \\ 40 \\ 114$
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company	52 294 126 94 268 318 12 205 334 82 40	Gamewell Company. Rear Co Gamwell & Ingraham. Garand Company. S. L. Garbutt Inc., C. Dale. Gay's Express. Gelinas Cleaners. Gem Crib & Cradle Co. Genden Bros. Gendron Lumber Company, N. J. General Alarm Corp. Gibson Wear Well Company. Gilber & Barker Mfg. Co. Gillespie Company, Robert. Gilmour & Rothery Company. Gilacter Sand & Graval Company.	94 84 262 45 808 192 246 232 40 214 282
Donnelly Sons, John Don's Garage. Dorchester Autual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E E & F Construction Company. Bagle Shoe Company. Barly American English Furniture Co.	52 294 126 94 268 318 12 205 334 82 40	Gamewell Company. Rear Co Gamwell & Ingraham. Garand Company. S. L. Garbutt Inc., C. Dale. Gay's Express. Gelinas Cleaners. Gem Crib & Cradle Co. Genden Bros. Gendron Lumber Company, N. J. General Alarm Corp. Gibson Wear Well Company. Gilber & Barker Mfg. Co. Gillespie Company, Robert. Gilmour & Rothery Company. Gilacter Sand & Graval Company.	94 84 262 45 608 192 246 232 240 214 286 296 108
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Eagle Shoe Company. Early American English Furniture Co. Eastern Auto Parts Corn	52 294 126 94 268 318 12 205 334 82 40 322 160 288 276 224	Gamewell Company. Rear Co Gamwell & Ingraham. Garand Company. S. L. Garbutt Inc., C. Dale. Gay's Express. Gelinas Cleaners. Gem Crib & Cradle Co	94 84 262 45 608 192 246 240 114 286 108 174
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Eagle Shoe Company. Early American English Furniture Co. Eastern Auto Parts Corn	52 294 126 94 268 318 12 205 334 40 322 160 276 224 66	Gamewell Company. Rear Co Gammino Construction Co. Gamwell & Ingraham. Garand Company. S. L. Garbutt Inc., C. Dale	94 84 262 84 45 608 192 24 23 24 24 29 114 28 29 108 174 166
Donnelly Sons, John Don's Garage. Dorchester Autual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Eagle Shoe Company. Early American English Furniture Co. Eastern Auto Parts Corp. Eastern Fire Equipment Co. Eastern Fire Protection Co. Eastern Fire Protection Co. Eastern Fire Protection Co. Eastern Fire Protection Co.	52 294 126 94 318 12 205 334 82 40 322 160 288 224 664	Gamewell Company. Rear Co Gammino Construction Co. Gamwell & Ingraham. Garand Company. S. L. Garbutt Inc., C. Dale	$94 \\ 844 \\ 262 \\ 845 \\ 808 \\ 192 \\ 246 \\ 232 \\ 240 \\ 114 \\ 282 \\ 96 \\ 108 \\ 174 \\ 106 \\ 104 $
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Early American English Furniture Co. Eastern Auto Parts Corp. Eastern Fire Equipment Co. Eastern Fire Protection Co Eastern Fixture Company, Inc. Eastern Fixture Company, Inc. Eastern Fur Products Co.	52 294 126 94 318 318 12 205 334 40 322 40 322 40 322 40 324 66 64 244 64 244 64	Gamewell Company. Rear Co Gammino Construction Co. Gamwell & Ingraham. Garand Company, S. L. Garbutt Inc., C. Dale	94 84 262 84 45 808 192 246 22 40 214 28 108 114 28 108 108 108
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Dower Shoe Manufacturing Co. Draper Corp. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Eagle Shoe Company. Eagle Shoe Company. Eastern Fire Equipment Co. Eastern Fire Equipment Co. Eastern Fire Protection Co Eastern Fire Triculates Co. Eastern Fuxture Company, Inc.	52 294 126 94 318 12 205 334 82 40 322 160 288 276 224 664 244 180 171	Gamewell Company. Rear Co Gammino Construction Co. Gamwell & Ingraham. Garand Company. S. L. Garbutt Inc., C. Dale	$94 \\ 844 \\ 862 \\ 845 \\ 808 \\ 8192 \\ 824 \\ 824 \\ 824 \\ 824 \\ 840 $
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Dower Shoe Manufacturing Co. Draper Corp. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E E & F Construction Company. Early American English Furniture Co. Eastern Auto Parts Corp. Eastern Fire Equipment Co. Eastern Fire Equipment Co. Eastern Fire Products Co. Eastern Fire Products Co. Eastern Industries Eastern Mass. St. Railway. Eastman Samuel	52 294 126 94 318 12 205 334 40 322 160 288 276 246 64 244 180 171 212	Gamewell Company. Rear Co Gamwell & Ingraham Garand Company S. L. Garbut Inc., C. Dale	94 84 262 84 45 808 192 246 22 40 214 28 108 114 28 108 108 108
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Donnelly Sons, John Don's Garage. Dorchester Autual Fire Insurance Co. Dower Bros. Inc. Downer Company. Dover Shoe Manufacturing Co. Draper Corp. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E E & J Company of N. E. E & F Construction Company. Eagle Shoe Company. Early American English Furniture Co. Eastern Auto Parts Corp. Eastern Fire Equipment Co. Eastern Fire Equipment Co. Eastern Fire Protection Co Eastern Fire Products Co. Eastern Fur Products Co. Eastern Hudustries Eastern Mass. St. Railway. Eastman, Samuel Edgerly Son. R. M. Eddund Company.	52 294 126 94 318 318 12 205 334 40 322 40 322 40 322 40 40 288 276 24 64 240 171 212 320 62 80	Gamewell Company. Rear Co Gamwell & Ingraham Garand Company S. L. Garbutt Inc., C. Dale	944 844 848 468
Donnelly Sons, John Don's Garage. Dorchester Autual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Eagle Shoe Company Early American English Furniture Co. Eastern Auto Parts Corp. Eastern Fire Equipment Co. Eastern Fire Equipment Co. Eastern Fire Protection Co. Eastern Fire Try Company, Inc. Eastern Fur Products Co. Eastern Mass. St. Railway. Eastman, Samuel Edgerly Son. R. M. Eddund Company Electrical Insulation Co. Electrical Insulation Co. Electrical Insulation Co.	52 294 126 94 318 318 12 205 334 82 40 322 160 288 276 64 244 180 171 212 320 62 80 816	Gamewell Company. Rear Co Gamwell & Ingraham Garand Company S. L. Garbutt Inc., C. Dale	$944 \\ 844 \\ 262 \\ 845 \\ 192 \\ 240 \\ 114 \\ 232 \\ 240 \\ 106 $
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Bagle Shoe Company. Early American English Furniture Co. Eastern Auto Parts Corp. Eastern Fire Equipment Co. Eastern Fire Equipment Co. Eastern Fire Protection Co. Eastern Fire Protection Co. Eastern Fire Neuropeany, Inc. Eastern Hauss St. Railway. Eastern Mass. St. Railway. Electro Motive Manufacturing Co. Electrical Insulation Co. Electrical Insulation Co. Empire Brass Foundry Co.	52 294 126 94 318 205 334 82 40 328 40 328 64 244 171 212 62 82 816 158	Gamewell Company. Rear Co Gamwell & Ingraham Garand Company S. L. Garbutt Inc., C. Dale	94 84 84 86 84 86 84 86 86 86 86 86 86 86 86
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Bagle Shoe Company. Early American English Furniture Co. Eastern Auto Parts Corp. Eastern Fire Equipment Co. Eastern Fire Equipment Co. Eastern Fire Protection Co. Eastern Fire Protection Co. Eastern Fire Neuropeany, Inc. Eastern Hauss St. Railway. Eastern Mass. St. Railway. Electro Motive Manufacturing Co. Electrical Insulation Co. Electrical Insulation Co. Empire Brass Foundry Co.	52 294 126 948 318 12 205 334 40 322 160 276 246 64 180 171 212 320 80 81 81 81 81 81 81 81 81 81 81 81 81 81	Gamewell Company. Rear Co Gamwell & Ingraham Garand Company S. L. Garbutt Inc., C. Dale	94 84 84 86 84 86 84 86 86 86 86 86 86 86 86
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Donnelly Sons, John Don's Garage. Dorchester Autual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Eagle Shoe Company. Eagle Shoe Company. Eastern Auto Parts Corp. Eastern Fire Equipment Co. Eastern Fire Equipment Co. Eastern Fire Protection Co. Eastern Fire Products Co. Lastern Industries Eastern Mass. St. Railway Eastman, Samuel Edgerly Son. R. M. Edlund Company. Electrical Insulation Co. Empire Grill. Esleeck Manufacturing Co. Empire Brass Foundry Co. Empire Grill. Esleeck Manufacturing Co. Essteeck Mitting Mills.	52 294 126 948 318 205 334 40 322 160 288 82 266 64 244 180 121 212 320 62 80 81 168 80 81 168 80 81 80 81 80 81 80 81 80 80 80 80 80 80 80 80 80 80 80 80 80	Gamewell Company. Rear Co Gamwell & Ingraham. Garand Company S. L. Garbutt Inc., C. Dale	94 862 284 45 80 22 84 45 80 22 82 240 1142 1282 1166 1166 118 118 118 128 128 128 128 128 128 128
Donnelly Sons, John Don's Garage. Dorchester Autual Fire Insurance Co. Dower Bros. Inc. Downey Company. Dover Shoe Manufacturing Co. Draper Corp. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Eagle Shoe Company. Eagle Shoe Company. Eastern Auto Parts Corp. Eastern Fire Equipment Co. Eastern Fire Equipment Co. Eastern Fire Protection Co. Eastern Fire Products Co. Lastern Industries Eastern Mass. St. Railway Eastman, Samuel Edgerly Son. R. M. Edlund Company. Electrical Insulation Co. Empire Grill. Esleeck Manufacturing Co. Empire Brass Foundry Co. Empire Grill. Esleeck Manufacturing Co. Essteeck Mitting Mills.	52 294 126 948 318 205 334 40 322 160 286 64 246 64 240 171 320 62 80 816 80 816 816 816 816 816 816 816 816 816 816	Gamewell Company. Rear Co Gamwell & Ingraham Garand Company S. L. Garbutt Inc., C. Dale	944 862 28445 6082 6082 6082 6082 6082 6082 6082 6082
Donnelly Sons, John Don's Garage. Dorchester Mutual Fire Insurance Co. Dower Bros. Inc. Dower Shoe Manufacturing Co. Draper Corp. Draper Corp. Dreyfus Properties. Dudley Garage. Dunham Brothers. DuPont De Nemours & Co. Inc. E E & J Company of N. E. E & F Construction Company. Bagle Shoe Company. Barly American English Furniture Co. Eastern Auto Parts Corp. Eastern Fire Equipment Co. Eastern Fire Equipment Co. Eastern Fire Protection Co Eastern Fire Products Co. Eastern Mass. St. Railway. Electro Motive Manufacturing Co. Electrical Insulation Co. Empire Brass Foundry Co. Empire Grill. Esleeck Manufacturing Co. Essteek Knitting Mills. Eureka Fire Hose Co. Exeter Restaurant.	52 294 126 948 318 205 334 40 322 160 288 82 266 64 244 180 121 212 320 62 80 81 168 80 81 168 80 81 80 81 80 81 80 81 80 80 80 80 80 80 80 80 80 80 80 80 80	Gamewell Company. Rear Co Gamwell & Ingraham Garand Company S. L. Garbutt Inc., C. Dale	94 84 84 84 84 84 84 84 84 84 84 84 84 84
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MONDAY, JUNE 19

Registration — All Day

TUESDAY, JUNE 20, 10:00 A.M.

OPENING OF THE CONFERENCE BY: President, Chief Stuart M. Potter, Hotel Ballroom

INVOCATION BY Rev. John P. Fitzsimmons, Belmont, Mass Chaplain New England Association of Fire Chiefs

Addresses of Welcome:

Hon. Guy Smart, Durham, N. H. representing His Excellency Governor Sherman Adams. Mavor Richman S. Margeson, Portsmouth, N. H.

O: M P1 10 D

City Manager, Edward C. Peterson.

Chief Harold W. Howe,

President, New Hampshire Fire Chiefs' Club.

Aubrey G. Robinson, Fire Marshal, N. H.

Chief George T. Cogan, Portsmouth, N. H.

Response to Addresses of Welcome:

Chief Thomas J. Wrenn, Springfield, Massachusetts.

Memorial Exercises

Selection by The Chapel Quartette Roll-Call of Deceased Members Taps Selection by The Quartette.

MEMORIAL ADDRESS:

Rev. Michael F. Collins, Marblehead, Massachusetts, Chaplain. Selection by Quartette

BENEDICTION:

Rev. Michael F. Collins.

Continued

TUESDAY, JUNE 20, 2:00 P.M.

Round Table Discussion

Conducted by Roi B. Woolley, Asst. Editorial Director, "Fire Engineering"

Topic: "Civil Defense Program"

Participants:

James F. O'Neil, Past National Commander, American Legion, Manchester, New Hampshire.

Commissioner Edward J. Hickey, Department of State Police, Hartford, Connecticut.

Col. Spaulding Bisbee, Director Civil Defense and Public Safety, Augusta, Maine.

Merritt A. Edson, Major General USMC, Retired, Commissioner of Public Safety, Montpelier, Vermont.

Dr. Walter Cronin, Director, Disaster Relief and Civil Defense, Cambridge, Massachusetts.

E. Ralph Bonat, Superintendent, State Police, State Fire Marshal, Rhode Island.

Topic: "Hazards of Television" By Mr. Haven S. McCrillis, School Department, Lawrence, Massachusetts.

Address: "Relation of the State Fire Marshal to the Fire Chief" Edward P. Gilgun, Fire Marshal, Commonwealth of Massachusetts.

TUESDAY EVENING, 7:30 P.M.

Round Table Discussion

Topic: "Mutual Aid — New England Style"

Conducted by Raymond J. Kenney, Director and State Forester, Massachusetts.

Participants:

Chief Ralph G. Seavy, Rochester, New Hampshire.

State Forester W. F. Schreeder, Connecticut.

Perry H. Merrill Chairman, Northeastern Forest Fire Protection Commission, Montpelier, Vermont.

Topic: "State Aid to Municipal Fire Departments." W. J. Scott, O.B.E., K.C. Fire Marshal, Ontario, Canada.

Continued

WEDNESDAY MORNING, JUNE 21, 9:30 A.M.

Address: Percy C. Charnock, Mgr., New England Fire Insurance Rating Association. "The Relationship of the Rating Association to the Fire Service."

Address: J. K. McElroy, Asst. Technical Secretary, National Fire Protection Association. "Hospital Inspection on a National Scale."

Address: John J. Neal, Chief Engineer, National Board of Fire Underwriters.

Address: J. Henry Brody, Oil Heat Institute of New England. "Cooperation Between the Oil Heating Industry and the Fire Departments in Fire Prevention."

WEDNESDAY AFTERNOON, 2:00 P.M.

Visit the Exhibits and Demonstrations.

Leave an Order — Register for Prizes.

3:30 P.M. Awarding of Exhibitors' Prizes — Exhibition Hall.

6:15 to 7:00 P.M. Cocktail Party, Main Ball Room.

ANNUAL BANQUET, 7:00 P.M.

President Stuart M. Potter, Presiding.

Guest Speaker: Commissioner Edward J. Hickey, Department of State Police, Hartford, Connecticut.

Representing Gov. Sherman Adams, Hon. Guy Smart.

Representing Gov. Paul A. Dever, Edward P. Gilgun.

Awarding Prizes.

Dancing — Main Ball Room.

Thanks to our Exhibitors!

Continued

THURSDAY, JUNE 22, 10:00 A.M.

Reports of Officers and Committee. New Business. Election of Officers. Selection of Place of Next Annual Conference.

Adjournment

12:00 o'clock Annual Clam Bake (Under Tent)

LADIES' ENTERTAINMENT

Monday: Assembling of Ladies.

Boat rides all day, (in groups of 15 or more). Monday Evening: Vaudeville Show at The Ship, 8:30 P.M.

All members welcome! Ladies' door prize. Tuesday Morning: Annual Memorial Service.

Tuesday Afternoon: Showing of motion picture "Lost Boundaries"

at The Ship. Time to be announced. Tuesday Evening: Vaudeville Show, The Ship, 8:30 P.M. (Ladies Only). Door Prize.

Wednesday Morning: Beano — Plenty of Prizes.

Wednesday Afternoon: Awarding of prizes at Exhibition Hall.

Wednesday Evening: Cocktail Party and Banquet.

Outdoor Sports — Putting Contest and Other Activities for those who wish to participate!

LADIES' COMMITTEE

MRS. STUART M. POTTER, Chairman, Greenwich, Connecticut.

MRS. WILLIAM H. CLIFFORD, 3RD, Cape Elizabeth, Maine.

MRS. JOSEPH E. SCANLON, Lynn, Massachusetts.

MRS. ANTHONY J. MOLLOY, Nashua, New Hampshire.

Mrs. Alfred H. Koltonski, Rutland, Vermont. Mrs. Thomas H. Slaman, Wellesley, Massachusetts. Mrs. William J. Dooling, Malden, Massachusetts.

MRS. ANDREW P. PALMER, Woonsocket, Rhode Island.

Mrs. George C. Graham, Bristol, Connecticut.

MRS. PATRICIA (KOLTONSKI) LYON, Rutland, Vermont.

MISS ROSE MCKENNEY, Allston, Massachusetts.

The Welfare and Security
of Our Community and Yours
Depend in a Large Measure
upon the
Activity and Faithfulness of
our Fire Departments
Our Best Wishes to the
New England Association of
Fire Chiefs



DRAPER CORPORATION

HOPEDALE

MASSACHUSETTS

Twenty-Eighth Annual Report

New England Association of Irre Chiefs



June 20-21-22, 1950

THE WENTWORTH, PORTSMOUTH, N. H.

Places and Dates of Past Conventions

- No. 1 BRIDGEPORT, Conn., June 20-21-22, 1923 PRES. CHIEF JOHN P. DOYLE, Wellesley, Mass.
- No. 2 BOSTON, Mass., June 24-25-26, 1924 Pres. John C. Moran, Hartford, Conn.
- No. 3 PITTSFIELD, Mass., June 23-24-25, 1925 PRES. PATRICK J. HURLEY, Holyoke, Mass.
- No. 4 MANCHESTER, N. H., June 22-23-24, 1926 PRES. DANIEL E. JOHNSON, Bridgeport, Conn.
- No. 5 PORTLAND, Maine, June 21-22-23, 1927 PRES. CHARLES H. FRENCH, Manchester, N. H.
- No. 6 BURLINGTON, Vermont, June 26-27-28-29, 1928 PRES. WILLIAM C. SHEPARD, Pittsfield, Mass.
- No. 7 NEW HAVEN, Conn., June 25-26-27, 1929 PRES. OLIVER T. SANBORN, Portland, Maine
- No. 8 RUTLAND, Vermont, June 24-25-26-27, 1930 PRES. LAWRENCE E. REIF, New Haven, Conn.
- No. 9 BOSTON, Mass., June 23-24-25-26, 1931 PRES. SELDEN R. ALLEN, Brookline, Mass.
- No. 10 NEWPORT, R. I., June 21-22-23-24, 1932 PRES. JOSEPH LAWTON, Newport, R. I.
- No. 11 LEWISTON, Maine, June 20-21-22, 1933 Pres. Alfred H. Koltonski, Rutland, Vt.
- No. 12 BURLINGTON, Vermont, June 26-27-28-29, 1934
 PRES. DANIEL B. TIERNEY, Arlington, Mass.
- No. 13 NEW BEDFORD, Mass., June 25-26-27, 1935 PRES. JOHN S. PACHL, New Haven, Conn.
- No. 14 HARTFORD, Conn., June 23-24-25, 1936 PRES. DAVID H. DECOURCY, Winchester, Mass.
- No. 15 THE BALSAMS, Dixville Notch, N. H., June 22-23-24, 1937
 PRES. CARL D. STOCKWELL, Burlington, Vt.
- No. 16 BURLINGTON, Vt., June 21-22-23, 1938
 PRES. JOSEPH W. RANDLETTE, Richmond, Me.
- No. 17 PROVIDENCE, R. I., June 20-21-22, 1939 PRES. THOMAS F. BURNS, Bridgeport, Conn.
- No. 18 THE BALSAMS, Dixville Notch, N. H., June 25-26-27, 1940 PRES. SAMUEL J. POPE, Boston, Mass.
- No. 19 BOSTON, Mass., Aug. 18-23, 1941 PRES. THOMAS H. COTTER, Providence, R. I.
- No. 20 Cancelled because of the War PRES. WILLIAM C. MAHONEY, Peabody, Mass
- No. 21 RUTLAND, Vt., War Conference, June 22, 23, 24, 1948 PRES. WILLIAM C. MAHONEY, Peabody, Mass.
- No. 22 THE BALSAMS, Dixville Notch, N. H., June 27-28-29, 1944 PRES. M. W. LAWTON, Middletown, Conn.
- No. 23 Cancelled because of the War. PRES. ALLEN F. PAYSON, Camden, Maine.
- No. 24 THE WENTWORTH, Portsmouth, N. H., June 25-26-27, 1946 PRES. ALLEN F. PAYSON, Camden, Maine.
- No. 25 THE WENTWORTH, Portsmouth, N. H., June 24-25-26, 1947 PRES. FRANK J. CALLAHAN, Central Falls, R. I.
- No. 26 THE WENTWORTH, Portsmouth, N. H., June 22-23-24, 1948 PRES. ARTHUR W. SPRING, Laconia, N. H.
- No. 27 THE WENTWORTH, Portsmouth, N. H., June 21-22-23, 1949 PRES. CHIEF WILLIAM H. HILL, Belmont, Mass.
- No. 28 THE WENTWORTH, Portsmouth, N. H., June 20-21-22, 1950 Pres. Chief Stuart M. Potter, Greenwich, Conn.

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28th ANNUAL REPORT NEW ENGLAND ASSOCIATION OF FIRE CHIEFS

Tuesday Morning, June 20, 1950

The 28th Annual Conference of the New England Association of Fire Chiefs convened at The Wentworth, Portsmouth, New Hampshire, on June 20, 1950, at ten-five o'clock, President Stuart M. Potter, presiding.

PRESIDENT POTTER: I will now declare the 28th Conference of the New England Association of Fire Chiefs in session. This has been a great year in the history of this organization. Our membership is larger now than it was a year ago and is the largest at any time in the history of the organization. Financially, we are ahead of our position at this time last year. We have taken in many new members from all parts of New England and those who are attending this Conference for the first time, to them, I want to extend a hearty welcome. And to those who have been here in the past, I also wish to extend a welcome.

We are going to open this Conference in the proper manner and I am going to call on our own Chaplain, Rev. John P. Fitzsimmons of Belmont, Mass. for the invocation.

REVEREND FITZIMMONS: Almighty God, our Heavenly Father, to whom all hearts are open and from whom no secrets are hidden, cleanse our hearts for the inspiration of Thy Holy Spirit that we may worthily glorify Thy Holy Name. Throughout the generations our fathers walked by Thy pilgrimage and of Thy faithfulness they have found no end. Still to us Thy children the cloud by day and fire by night, where but from Thee do we find the cover from life itself only our pity that revives our fading souls. Grant unto us eager and tender hearts. Give to us the same courage and high faith of those who have fallen for our sakes and in Thy name. Grant unto us dear God a high resolve to follow closely the footsteps of those who have given all that we might live, to those whom we might honor today we do thank Thee for Thy gracious memories and for the high faith and courage left with us.

Be with us as we seek to honor Thee and our offerings. Amen.

PRESIDENT POTTER: We are privileged this morning to have with us the Honorable Guy Smart, member of the Governor's Council, who is representing His Excellency, Governor Sherman Adams of New Hampshire. It gives me a great deal of pleasure to present the Honorable Guy Smart. (Applause)

Mr. Guy Smart: Mr. Chairman, in the absence of the Governor who is attending a Governors' Conference at White Sulphur Springs, it gives me a great deal of pleasure

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Left to right: Chief Henry G. Thomas, Hartford, Ct., presenting Past President's Badge and gift to Chief Stuart M. Potter, Greenwich, Ct., retiring president. Center: Chief William H. Clifford, 3rd, President, Cape Elizabeth, Maine.

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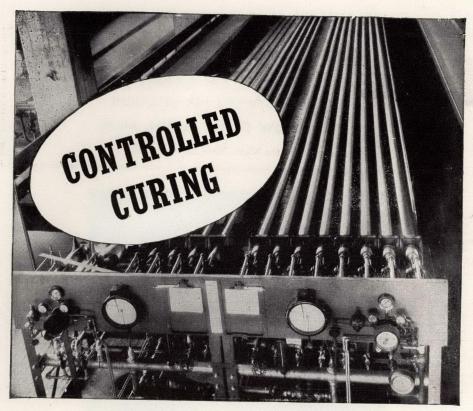
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to welcome you this morning and to extend the greetings of the State of New Hampshire. I am sure that we are all conscious of our Firemen, what they have done for us in the past, what they will do for us in the future.

Much of your work is of a hazardous nature and every consideration should be extended to you in the years that lie ahead. Today we are living in troubled times, times that many of us probably never expected to see. The cost of living is high and it will be higher. Taxes are high and they too probably may be higher.

Much of our financial condition can be traced directly to the Congress of the United States. Billions have been spent for the Countries that were ravaged by World War II. Other billions probably will be spent to help them to build against an aggressor. This probably is important. By helping them it is also possible that we may be helping ourselves against a common foe.

It is interesting to turn back the pages of history, perhaps to get a better understanding of the thinking of people, also it may help us better to interpret the news as it appears in the press from day to day.

The Russians came from Asia over a thousand years ago to establish the Russian Empire. They may or may not have been a warlike people. However, they were overthrown by a group of Mongols headed by one Genghis Khan who came from East Asia and they ruled in a very merciless manner for over 2000 years. Historians believe a set pattern of the government was established during this Mongol rule because when the Mongols were overthrown by the Czars, the Czars ruled with equal mercilessness.

Our Ambassador to Russia has recently said that the Russians have two major shoughts—one, that it is natural to live under a dictatorship in a totalitarian state, and the other, that eventually Moscow will rule the world. Is it any wonder that a people who have been so submissive over centuries of time obey Stalin's will to rule over half the world with its millions of people?

War may or may not come to us, but so long as the idea that Moscow will rule the world persists, there will be a period of time in which it will cause a great deal of uncertainty to us here in the United States.

You may well ask what this all has to do with our organization. Simply this, that if the United States Government feels it is necessary to prepare against a common foe, so should the firemen of the Nation prepare to fight the type of fires that can develop from this atomic age in which we are now living.

Looking over your program this morning I notice it is a very full one and I would like to express my pleasure at being present at your opening session. (Applause)

PRESIDENT POTTER: Thank you very much, Mr. Smart. It now becomes my privilege to present the Honorable Richman S. Margeson, Mayor of Portsmouth, who will welcome us to this garden spot of New England. (Applause)

MAYOR MARGESON: Mr. President, distinguished guests, members of the New England Association of Fire Chiefs, ladies and gentlemen, it is my pleasure to welcome you on behalf of the City of Portsmouth. I wish you every success in all your undertakings here and to congratulate you on the work you have done in the past. We are fortunate indeed in having you choose The Wentworth-by-the-Sea for your annual conference. We feel that this is definitely, as your President has just said, the garden



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You have a splendid host and hostess in our friends Jim and Margaret Smith, ably assisted down the line by Mr. Calley, Mr. Kennedy, Mr. Burke and the man who makes the draperies and the odd-jobs men.

Perhaps some of you folks are familiar with the City of Portsmouth. If so, there is possibly no need of telling you about the old houses and the old streets, but history tells us that back in 1623 folks from across the sea sailed into Portsmouth Harbor and settled here. Since then, shipping, fishing and boat building have been the principal occupations of the City.

We are very proud of our record during the past war when we made so many submarines that went out into the seven seas and did their work, and, if I do say so, did their work very well indeed. Portsmouth has a lot for you. We do hope you will take advantage in your spare moments to visit, as I said, the old houses.

As we look back into history again we see that our first fire society was formed in 1761. That was the Union Fire Society. At that time they weren't fortunate enough to have some of the pumpers and equipment we have today. They had buckets, as you all remember, and they formed a bucket brigade, and every now and then periodically, they would have an inspection and this would include an examination of the buckets, the bag, and an examination of the wrench. The wrench was for, as you know, dismantling the beds. The beds were very precious and they used this wrench to dismantle them and the bag was for picking up odds and ends they could stuff into it and get clear of the house. In other words we helped, we will say, start the association that you might say you have at the present time.

We feel that our first fire societies did pave the way for your present fire societies. There was a Federal Fire Society established twenty-five years after our first Society was formed, which has a record of being in existence. I believe that is the oldest in the United States.

Again, may I say welcome to the Society of Portsmouth, and I am reminded of a little ditty which is something as follows:

Oh! for the life of a fireman, with his hosecart painted red, Say roughly to his horses, "go ahead, go ahead."

(Applause)

PRESIDENT POTTER: Thank you, Mayor Margeson, we will now hear from Mr. Edward C. Peterson, City Manager of Portsmouth. (Applause)

MR. Peterson: President Potter, guests and members of the New England Association of Fire Chiefs, it gives me a great deal of pleasure to assist in opening this program and, George, I thought we were going to have some sort of surprise for you this year. You know Cogan has been accused of wearing a path to the bank, so just his head shows going to the bank taking money in, and I want to know if he won't this year pay the bill down here, but I haven't been able to prevail upon him to do it (Laughter)

As has been mentioned here before, looking over this program I think you have a very interesting set-up. In fact, I think meetings of this type bring out some of the



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new things that ordinarily people in this type of business wouldn't be exposed to. I do join with the Mayor in extending to you the best wishes of the City and it gives me a great deal of pleasure to be able to do it. (Applause)

PRESIDENT POTTER: Thank you very much, Mr. Peterson. We will next hear from a representative of the Fire Chiefs' Club of the State of New Hampshire, Chief Harold W. Howe, President. (Applause)

CHIEF Howe: Chief Potter, gentlemen, members of the New England Association of Fire Chiefs and guests, it gives me a great deal of pleasure to welcome you to New Hampshire as representative of the New Hampshire Fire Chiefs' Club. I hope your stay here will be as pleasant as the weather. The weather man last night promised us rain, but sometime during the night he changed his mind and he says we will get at least two nice days.

I notice our program in the round table discussion tonight, one of the topics is "Mutual Aid—New England Style." It seems to me that this conference is nothing more or less than a get-together for mutual aid entirely. You men come from all over New England, all around New England. For what purpose—to exchange ideas and experiences, trying to help one another in the trials and tribulations that we run into in the fire-fighting service. One man tries out something new; he comes to the conference and tells about it so that his friends and neighbors can share his experiences. I think that is a wonderful idea.

I wish again to extend my greetings from the Fire Chiefs' Club. Thank you. (Applause)

PRESIDENT POTTER: Thank you, Chief Howe. We are getting right down to the grass roots level now and the next speaker needs no introduction to you. He has been a great friend of this organization for a number of years, Chief Cogan. Tell us what you have to say. (Applause)

CHIEF COGAN: Mr. President, gentlemen, Chiefs and the ladies. I never forget the ladies. I can't say much; my Manager and the Mayor are up here. I probably could pay for this Association, but I ain't going to. (Laughter) I want to welcome you firemen to the City of Portsmouth. I hope many of you will visit our station. We are kind of headquarters. I have two up there who don't want to spend the night over here.

Yesterday we had quite a little smudge but the firemen got it out. The City Manager came up and looked it over but I gave him a few comments not to insulate his house with paper, as that was what caused the fire yesterday.

There is one thing I would like to touch on. We are having a lot of trouble with oil stoves. When we speak of Maine, it is just across the river to us and is part of our state. In Maine this year the loss of life from small oil stoves in the country has been terrible and we have had quite a few in New Hampshire. I think the Chiefs of New Hampshire and New England should get together and see if the Legislatures can't make laws to stop selling some of these cheap oil stoves. They have them in the country and they burn down a house full of children. It is one law we should all fight for.

I notice today a lot of the old members like myself are slipping out and new ones are coming in. I want to be nice to the new ones because I will be slipping out myself



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pretty quick and I want to thank you all for the privilege of coming here and speaking to you. (Applause.)

PRESIDENT POTTER: Thank you, Chief Cogan. We will also hear from Mr. Aubrey G. Robinson, Fire Marshal of the State of New Hampshire. (Applause)

MR. ROBINSON: Mr. President, City Fathers, Reverend Clergy and guests. I have been following along with this organization quite some time, long before I was eligible to it. I used to follow along eighteen or nineteen years with the Chief I used to drive for. When I rose up to that position I tried to fill in where he left off as far as membership was concerned.

On the program I don't know where I fit, but Chief O'Hearn said, "we have been following you, Robby, as your office has been the youngest one in the six New England States." I said, "there is no time to bring that up and I am not going into detail." The firemen always rise to the occasion and you will recognize the fact that in this office they tried to merge a while ago and in this merger it would cut down the efficiency of it. Word was passed around to the Chiefs of New Hampshire and I don't think you could ever have a general alarm fire to bring out more firemen. Through that rallying, they left the office as it is so it can be efficient for the saving of life and property for the citizens of New Hampshire.

Getting back to Chief Cogan and range and oil burners, we are all striving for the same thing and with the help of the Chiefs in New Hampshire together with the information I get from this organization, it helps to carry the whole thing along, and I want to thank the organization for letting me speak to them this morning. Thank you. (Applause.)

PRESIDENT POTTER: Thank you, Mr. Robinson. That concludes the addresses of welcome and now I am going to call on our good member, Chief Thomas J. Wrenn of Springfield, Massachusetts to respond. (Applause.)

CHIEF WRENN: Mr. President, the Honorable Guy Smart, Mayor Margeson, City Manager Edward C. Peterson, Chief Howe, Mr. Robinson, Chief Cogan, ladies and gentlemen, it is indeed an honor and privilege for me to be able to answer these addresses of welcome.

On behalf of the New England Association of Fire Chiefs, may I offer our heart-felt thanks for your very kind words of welcome.

We feel like old friends by now, returning year after year to accept your gracious hospitality and to just enjoy being with you.

This Association, during its life-time, has met in many places in New England and may I say that of all such places, there are none who have extended a more heart warming welcome than the people of New Hampshire, and particularly the people of Portsmouth and New Castle.

In expressing our appreciation for hospitality shown we cannot leave out Major Smith and his charming wife who do so much for our comfort at Wentworth.

Twenty-seven years ago the New England Association of Fire Chiefs was organized. The founders and those who followed them built well. Some of the original group of founders and those who became members in the Organization shortly after it

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was founded are still active in the Association and carry on their work from year to year in their inimitable way. We newer members of the Association owe a deep debt of gratitude to these men for all they have done in promoting the interests of the Fire Chiefs of New England and their Association and hope they remain with us for many years to come.

May I express the hope that the deliberations of this conference and the conclusions derived from them are extremely fruitful.

Again, I would like to say to our good friends of New Hampshire, thank you, and express the wish that we may come back again and again.

PRESIDENT POTTER: Thank you, Chief Wrenn. That concludes the opening portion of our program. We will now pass on to the Memorial Exercises, and may I remind you that these are sacred exercises and please refrain from any applause. We will open with a selection by the Chapel Quartette.

PRESIDENT POTTER: We will now have the Roll-Call of Deceased Members by our Secretary.

SECRETARY O'HEARN: Mr. President, members of the Association, following is a list of those of our members who have passed away since our last annual conference:

Benjamin F. Freeman, West Newton, Mass., joined Jan. 27, 1949; died Feb. 23, 1949.

EVERETT L. STEWART, Asst. Chief, Franklin, Mass., joined Feb. 25, 1946; died May 11, 1949.

HERBERT P. CONSTANTINE, Chief, Bangor, Maine, joined Oct. 27, 1939; died Sept. 21, 1949.

HAROLD W. McCLOUD, Asst. Chief, Colebrook, N. H., joined March 12, 1946; died Oct. 25, 1948.

EDWARD J. HUTCHINSON, Chief, Boothbay Harbor, Maine, joined July 1, 1926; died Nov. 6, 1949.

JOHN P. CROWE, Ex-Chief, Westboro, Mass., joined June 21, 1927; died Nov. 6, 1949.

James T. Doyle, Ex-Chief, Ansonia, Conn., joined June 19, 1945; died Dec. 7, 1949.

CHARLES E. COMINS, Ex-Chief, Warren, Mass., joined May 24, 1924; died Sept. 6, 1948 (first notification of death received by the secretary Dec. 8, 1949).

EDGAR E. RAMSDELL, Lewistown, Maine, joined Sept. 9, 1929; died Dec. 15, 1949.

EDWARD F. DAHILL, Fairhaven, Mass., former Chief New Bedford, Mass., joined June 24, 1924; died Jan. 6, 1950.

JOHN L. KEATING, Newburyport, Mass., former Chief, Newton, Mass., joined April 16, 1943, died Jan. 19, 1950.

CHARLES H. Fox, Engineering Consultant, Cincinnati, Ohio, joined June 24, 1929; died Jan. 26, 1950.

LEON A. NICHOLS, Chief, Barrington, R. I., joined June 25, 1931; died Feb. 3, 1950.





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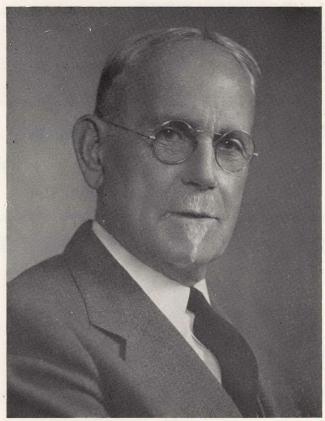


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Benjamin L. Chase, Chief, Haverhill, Mass., joined June 22, 1940; died Feb. 23, 1950.

KARL W. Brown, Milford, New Hampshire, joined March 24, 1948; died Feb. 25, 1950.

WALTER J. LINDSAY, Chief, Textron Inc., Manchester, N. H., joined May 31, 1945, died March 7, 1950.

CHESTER C. WOODCOCK, Deputy Chief, Leicester, Mass., joined June 21, 1938; died Jan. 31, 1949.

WILLIAM PLUMSTEAD, Chief, Noank, Conn., joined May 2, 1947; died April 10, 1949.

LEROY P. MANSFIELD, Wolfeboro, N. H., joined June 25, 1946; died April 21, 1950.

R. W. RODMAN, Chief, No. Kingston Fire Dept., Wickford, R. I., joined June 2, 1930, died May 20, 1950.

MR. PRESIDENT: As our tribute to these members who have passed away since our last Conference, I present the following resolution prepared by our Chaplain, Rev. John P. Fitzsimmons:

RESOLVED: That a page of our record book be set apart in honor and loving memory of all our deceased members who have gone to their reward during this past year. Their valiant and unselfish service in their communities will always be remembered by those who knew them best. They served that others might be safe; they lived that others might have life; they died in the hope that the purposes and ideals for which they labored may be carried on by those who follow.

(Taps were sounded, followed by selection by The Chapel Quartette.)

PRESIDENT POTTER: The Memorial Address will be given by our beloved Chaplain, Reverend Father Michael F. Collins, Marblehead, Massachusetts.

FATHER COLLINS: The tribute this morning to your departed members will perhaps seem a little unusual because I am going to give a eulogy on Chief William Mahoney of Peabody. Then again, perhaps it may not seem too unusual because when I mention Chief Mahoney, I would have you substitute for him the name of any one of the Chiefs whom you knew intimately, and in that way, instead of a general tribute to the departed members we can make it something this year a little more personal.

Bill Mahoney, I knew very well. I admired him, respected him and loved him. You too have known members of this organization, knew them well, admired them, respected them and loved them, and I would have you remember them the same way this morning that I remember Bill Mahoney.

At the very start of his career as a fireman he left a job that perhaps in the end would have meant much more financially—a government job. He left it to take over the head of a fire department that needed reorganization, that needed a head, and in taking over that job, from that day on his life was a life of worry; his life was a life of battling, not alone flames, but battling for the ideals of a good fire department, battling for the ideals of a fire service and that ideal stood out in Bill Mahoney's mind

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until the day that he died. You know the same Chiefs as Bill Mahoney that have followed these ideals in your own community. They could have had other positions, but no, they were interested in their fellowmen. They saw perhaps with their talent they could improve a public service and they gave their all to it, even unto life, and when Bill Mahoney took over that department he started in to the best of his ability, as every Chief does, to improve it,—adding a piece of apparatus here, adding another implement of war against fire there, doing everything he could to make the public fire conscious.

Then, as I said before, as he went along in his career he did everything possible for the fire service even to the little things that crop up—the things that cause such heartaches to every Fire Chief in the service—lack of cooperation, both on the part of the public officials and in some cases on the part of the men who work under them—lack of equipment, lack of manpower; every community perhaps has found that as it came into the life of Bill Mahoney.

I can remember being in the station one morning, going out when an alarm of fire came in, to find a five-story brick building full of lacquer, leather and oil that we have in a city like Peabody, finding it fully involved, and on that ladder truck, a city service truck, was the driver and myself. The pump had a captain and two men. When we arrived at the scene of the fire Bill was there and he knew what to do. He knew his book; he knew his fire and he knew what he should do, but he was helpless. He told the captain to lay lines and he looked almost hopelessly at the ladder truck and said, "Put a ladder up to the roof of that building,"—the driver and myself were all he had to ladder a 5 story building—and in looking at him that morning the thought has been with me ever since that one could see him age then and there—such a helpless look and a frustrated look. It was a major fire without any equipment and without any men.

The men you are thinking of this morning perhaps aged like Bill Mahoney in circumstances comparable.

I can remember sitting in the office with him many a day, days when they were putting in for the 48-hour week, and he sat down there like so many other Chiefs who have gone from your midst, and said, "Father, what can I do? I am with my men; I want to give them shorter hours, but how can I when they refuse to give me more manpower. It is the Chief's responsibility for the protection and safety of the public. It is the Chief they come back upon when fires get out of control. What can I do; I haven't the men. I want to be with them."

In the midst of that, too, you could see the lines of worry increase in his face. Perhaps nothing hurts more than to have some of his own men say, "We don't care if the buildings burn; give us the 48 hours;" a man who devoted his life to making their lot better, to make the lot of the fire department better, at every turn runs against obstacles.

How many men you honor this morning were faced with those obstacles? How many men you honor this morning do you remember being made prematurely old by the worries and the cares and the responsibilities of their position?

And finally, I can remember when Bill Mahoney was sick. I tried to see him every day in the hospital and I could realize from the start that it was hopeless, but there in the hospital as he lay upon a sick bed, before we finished talking he would

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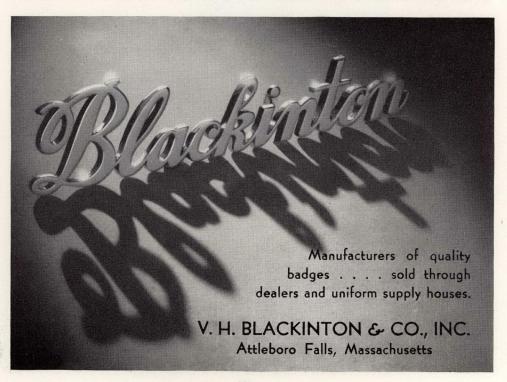
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always say, "What is new at the firehouse? What do you know about such and such a thing?" He was interested even to the last, and even after an operation, even at the time when death was imminent, I can remember going into the room the day before he died and in the midst of narcotics; in the midst of intravenous; in the midst of blood transfusions, pain and sorrow and suffering and anguish, Bill Mahoney still said with lips that were dying, "How are things at the station?"

How many men that have passed away here that you are thinking of this morning, practically with their last dying breath, have wondered and worried and were interested as to how things were at the station!

And so Bill Mahoney died, but the ideals of the fire service, the ideals of the Fire Chief that he left behind may ever be an inspiration—not only to myself and to you members, but to the people he served so well.

Bill Mahoney, like the other Chiefs of your organization, who have gone to their reward, knew full well when they took upon their shoulders the responsibility of Fire Chief, know it the same as you know it yourself, they are taking upon their shoulders a life of responsibility, a life of worry, a life of toil far above most positions that are comparable in the world today.

Bill Mahoney I knew well. I respected him. I loved him. The man that you are thinking of this morning you knew well; you respected him, and you loved him. Perhaps we can pay no more fitting tribute, not alone to Bill Mahoney, but to all the Bill Mahoneys in our organization that have gone to their last reward, no better or fitting tribute than using the words of Christ Himself, and it certainly is borne out in the lives of your organization, "Greater love than this no man hath, that a man lay down his life for his friends."

PRESIDENT POTTER: We will have a selection by the Chapel Quartette.

Benediction: REVEREND FATHER COLLINS: O God, our Heavenly Father, we recommend to Thy tender care and loving mercy, the souls of our departed members. While they were alive we honored them, cherished them. Now in death we ask Your blessing upon them, eternal rest grant unto them, O Lord. May perpetual light shine upon them and may their souls rest in Peace. Amen.

PRESIDENT POTTER: I have one or two announcements to make. I want at this time to announce that pictures will be shown in this hall at the conclusion of the evening service, this evening. That will allow the ladies who are attending a special program this evening to view the pictures after the evening session.

At this time I want to recognize Chief Richard Salamone of Needham, President of the New England International.

CHIEF SALAMONE: At this time I would like to say there will be a meeting of the New England International Division.

PRESIDENT POTTER: In closing I want to urge all members to come to this room promptly at two o'clock. We have a very full agenda and we must get started promptly in order to get the benefit it will afford us. I will now declare this session adjourned until two o'clock this afternoon.

(Whereupon the morning session adjourned at eleven o'clock.)



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Tuesday Afternoon, June 20, 1950

The Tuesday afternoon session convened in the Ballroom at two-twenty, with President Potter, presiding.

PRESIDENT POTTER: The Chairman of our Round Table discussion this afternoon has asked me to request that you men in the rear of the room come forward. We have no public address system hooked up in the hall, so will you men at the rear of the room please take seats forward. If you want to take a chance on not being able to hear all the discussion, that is your privilege.

Our program this afternoon is a Round Table discussion. The Chairman of the Panel is our good old friend, Roi B. Woolley. I am going to turn the meeting over to him and let him present the members of his Panel.

CHAIRMAN WOOLLEY: Mr. President, Fellow Firemen and all of you in the back that are going to sleep, we are off to some sort of start. I hope it is a flying start. I will introduce the members of this Panel as we go along, to save time, because we are twenty minutes late at the start. I shall regret if we have to infringe on the next speakers' time, but we will have to do it. I will try to speed it up as best I can.

The topic given this Panel was a "Civil Defense Program." The topic perhaps is a little misleading, and it might well have been stated in this wise, that the topic should be entitled "Civil Disaster Defense Program." War is only another type of disaster and you Chiefs in New England have encountered several kinds of disaster. Some of them may be a part of the cold war. Nobody knows yet whether South Amboy was a fine piece of skulduggery on the part of our friends across the sea behind the "Iron Curtain."

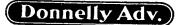
There have been numerous other fires of unexplained origins, explosions of unexplained origin and we are already in the midst of plenty of trouble in this Country—far more than we encountered prior to our entry into the war with Germany and Japan, so it does behoove us to consider civilian protection.

On the other hand, in order to be prepared for civilian defense and protection, we have got to be prepared to meet disasters in our own front and back yards, and so it is we gather together the men who represent the thinking and planning on both disaster and civilian protection programs throughout glorious New England, and it is a pleasure to have them here.

Before we start off on the individual state representatives, many of you know just what is being done; however, I think we should get a quick viewpoint of where we stand nationally and at the risk of just taking a few minutes from a speaker who is not scheduled on the program, but whom we have prevailed to enter the discussion, this next speaker never knew he was going to be shoved into a civilian protection program on a national level, but he was and not long ago at the NFPA meeting in Atlantic City, a long distance call came to a certain member of this organization here saying we must have four of the leading Chiefs in Washington on Friday morning prepared to sit down with Police Chiefs and other groups working with civilian interests in the planning for civilian protection, and so I will admit I was the goat that got the long

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distance message and he said, "You have got to get the four outstanding Chiefs," and that is a helluva order to give anybody.

It happened that at the meeting in Atlantic City we had one sitting almost at my elbow and in recommending Henry G. Thomas, like Abou Ben Adhem, his name led all the rest, and so he didn't know until half an hour later that his schedule for a happy week end was all over.

He left for Washington with Chief Alderson of Los Angeles, with Chief Ayres of Birmingham and several others to participate in the first round table discussion on civilian protection this year, and so I think it is only fitting that Chief Thomas tell us just what Washington thinks about civilian protection and defense disaster planning as well. I don't need to introduce Chief Henry Thomas to you. He has been a stalwart in this group and every group he has ever entered. Chief Thomas, will you tell us what is happening in Washington?

CHIEF HENRY G. THOMAS: I don't know whether I should thank our Chairman. However, it is nice to be here Roi, in this distinguished group. Roi did the same thing here that he did in Atlantic Čity. I was there and I don't know about this "distinguished-chief business," but he was just short of hands and so he said will you fill in. I went on down to Washington and last night here rather late he said, "I think it would be nice for you to fill in again," so I hope that you will bear with me. I have no notes and I am not going to read all of this stuff here, but it was interesting to me educationally, that trip to Washington.

We were met on the invitation of Paul Larson of the National Security Resource Board. The conference was under the guidance of Jimmy Gobel of Wartime Disaster Relief Board—I guess you would call it—and we started at ten o'clock in the morning and wound up about seven-thirty at night.

In brief, it perhaps could be started like this and I might take the liberty of starting Rci's Round Table in this way, by pointing out three things that seem to be self-evident.

No. 1 is, that behind the "Iron Curtain" there has been an atomic explosion.

No. 2, behind that "Curtain" there is the aviation equipment capable of delivering a surprise attack against any part of the United States, and

No. 3 is, the United States has no sure defense against such an attack.

Of course the group I was a part of was concerned with fire protection and no doubt most of you have heard and will hear a lot more about this matter of fire protection—wartime fire protection, what the government has set up and what the thinking of most of our leaders has been predicated on and the probability of an A bomb attack. The super A bomb and the H bomb we will just pass over for the moment and think of the probabilities that have been set forth of a surprise attack by an A bomb.

The one thing that was high-lighted in Washington—and I want to say at the outset I think they were a very sincere group—the Army was represented, the Defense Board was represented, the President's Advisory Committee—and I want to reiterate, in my opinion, they were most sincere, this one thing they high-lighted—that should, God forbid, this Country be subjected to surprise attacks by an A bomb, it isn't the end of everything, that all of this stuff we have heard—these so-called scare lines—there is a way to be prepared.



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The Government has made and has on hand elaborate records and analyses of the fire damage of the last war and the probabilities of fire damage from an atomic attack. We must join in with the Federal Government because this whole setup, as I got the picture from Washington, is to be set up under a state coordinator and there was to be presented to the governmental print shop on June 15, a detailed study of this whole thing to be forwarded to the governors of states and mayors of municipalities, and primarily the purpose of this bunch called in down there—fire chiefs, fire engineers and experts, NFPA, National Board of Underwriters, International Association of Fire Fighters—they emphasized over and over again, their very earnest desire to hear from the fire forces of the Country, from the fire protection, from the fire department people, just what our opinion was of what we needed.

Of course there was a great deal of detail, and I am not going to take the time here now, what might happen in a city, bomb-dropping in high-value areas, 50 per cent of the fire forces put out of commission immediately, but this matter of fringe fire fighting, very similar except on a larger scale than our ordinary peacetime fighting, being out at the extremities and coming in to meet the particular emergency was emphasized and from the record it was definitely established that during the last war those cities in Europe, Germany particularly, who suffered the least amount from fire were those who had established a sound civil defense program.

Perhaps the best way to outline this would be to say that this whole business was assigned to the Department of Civil Defense, National Securities Resources Board and broken down into fire services, the project to be assigned to the International Association of Fire Chiefs and Fire Marshals' section of the National Fire Protection Association. That is the organization of your fire services—the project to be assigned to the National Fire Protection Association.

In passing I might say that is all the more reason why in conferences and conventions of this sort we should be more interested in what is going on for the good of our separate municipalities so that we may more adequately discharge the responsibilities that are and may be later enforced upon us and it was further broken down to the matter of fire guards. That particular project has been assigned to the National Fire Protection Association.

The auxiliary water supplies—that particular subject has been assigned to the National Board of Fire Underwriters. Now as to the probable damage to water supplies—perhaps all of you have seen the pictures of the atomic attacks on Hiroshima and Nagasaki in Japan, and where you have an air burst you have very little penetration of ground service, so the probability of water mains bursting is rather remote.

However, the pipes breaking because of buildings—blast effect, fire effect—that is where the leak will come on the water supply and the necessity of providing emergency water supplies, cataloging them, planning them and all that sort of thing, has been assigned to the National Board of Fire Underwriters.

The subject of committees, which is so important, because in that type of warfare—and we must always keep in mind this is no longer nations fighting against nations; it is people against people and civilians in front lines, such as the people in Europe were—and the subject of committees has been assigned to the National Association of Fire Fighters to develop and prepare plans which will include the various items to establish committees.

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There will be need of radio and mobile state police and amateur radio league and all that.

The matter of training was discussed at great length and that project has been assigned to the United States Office of Education under—in my opinion—the very capable direction of W. A. Ross. He has done a great deal in this Country in firemen training. You all know of him and most of you know him personally.

Again I would like to say, before turning this back to your Chairman, that as a Fire Chief the one thing that struck me in the conference in Washington was the very sincere, very evident earnestness and desire on the part of the Washington people, regardless of what we might hear and say about that organized confusion down there, they had a plain, honest desire in asking the Fire Chiefs there represented, Chief Engineer of the National Board, NFPA and others—what should we have, and it ran the gamut all the way from what type of pumper, what type of vehicle; should it be self-contained; are we through with skid pumps; should it have its own tracks—all the way from that to fire house, personnel, what type of personnel are we going to require—the auxiliary firemen of the old type, men created as reserve-to-be, but to keep properly trained, and at no time would there be two fire protection departments; one the auxiliaries and one the regulars, and the fire protection of any community to be under the fire chief of that particular area.

Mutual aid was emphasized over and over again—not exactly the mutual aid we think, not the towns in the perimeter of the metropolitan area, but extending out thirty, forty or one hundred miles, because in all cases any city subjected to that particular attack will have to outline other outside established forces to move in.

Again, because they repeated it over and over again, all this thing you hear about radioactivity—all this sort of thing that this is the end—no, it can be prepared for. It must be prepared for and it will be prepared for if the various agencies do their job. Ours is the agency of fire protection.

I thought as I sat down there and after I left Washington, here is the opportunity for the fire forces. We have heard off and on of the last war—whether the Fire Chiefs "missed the bus" in the last war, whether we took our adequate part on the home front, I don't know. Here is the opportunity and we want to hear from you men—you and you and you—what do you think. I think it is an opportunity for you to take your proper part in civil defense. I think, Mr. Chairman, I have taken all the time you have available, and thank you very much. (Applause.)

CHAIRMAN WOOLLEY: You can well understand that our confidence in Chief Thomas was not misplaced. We picked the right man and the other members of the group were greatly impressed and the government officials expressed how pleased they were to have a man of his ability represent this part of America.

Mentioning mutual aid, you must think all the way through as we listen to these state-wide presentations which follow, how closely they parallel the efforts you have been putting forth in the last two years, and other parts of the Country have been putting forth to create working, effective mutual aid programs, and I wish I had the time to tell you some of the failures, such as South Amboy, where we thought they had mutual aid well established, but where some fifty-two units up and left municipalities to hurry all the way from five to seventy-five miles, helter-skelter, willy-nilly, to the aid of South Amboy which needed no fire apparatus. Over ninety units left

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different communities to hurry to the aid they believed necessary in that particular part of New Jersey.

I mention it because as you listen to these statewide presentations you will see how important it is to have direction, proper representation and someone who is going to say if you take that equipment out of that town, someone has got to cover you up. While it is very well to have mutual aid and disaster planning and to have a willingness to go anywhere at any time, it is absolutely essential that we have direction and an overall command.

Now that leads me to the first one of our Panel, our good friend, James F. O'Neil, Past National Commander of the American Legion, who has been head of the police force at Manchester, New Hampshire. I will take none of his time but let him tell the story of what New Hampshire is doing. Chief O'Neil. (Applause.)

CHIEF O'NEIL: Mr. Chairman, fellow members of the Panel and Fire Chiefs of New England, first of all I am probably sailing under false colors here. At the outset I think it should be wise to tell you I am retired as the director of Civil Defense of New Hampshire, but my successor is here. He is definitely interested in this problem and I would like, with the permission of the Chairman, to have him rise because I know he would be much interested in talking with many of you men concerning your problems, and I refer to retired Admiral Myles Browning who was Chief of Staff for Admiral Halsey in the South Pacific. He is taking over as Director of Civil Defense in New Hampshire. Would he please stand?

(Admiral Myles Browning rose to his feet amidst applause.)

CHIEF O'NIEL: Secondly, I have resigned as Chief of Police of Manchester, New Hampshire, but I have a very keen interest in what New England is planning to do in relation to civil defense because I am moving to New York, and as a potential evacuee to a more sheltered area, may I say I am definitely concerned with what type of protection may be afforded those who might have to seek refuge in the New England States.

New Hampshire definitely has a problem different in civil defense from the standpoint of wartime civil defense, and possibly some of the other states in this area, because it must be evident to everybody that New Hampshire would not be a primary target, but we would have to become a definite shelter area in New Hampshire and set up our program accordingly. Conceivably we could be hit by a stray bomb and become involved in a very serious disaster, but the thinking, I believe, as far as New Hampshire is concerned, will be patterned after the establishment of a shelter area with all its attendant problems.

The Federal Government has not handed down any blueprint yet. I am talking about a blueprint for the correlation of all the states in a national program of civil defense. You have learned from the first speaker that that is in the making and in all likelihood it will become public, at least to those interested, about September 1, but much work must be done in the interim, and of course we have our civil disaster pattern to follow, and that is what New Hampshire is doing at the present time.

It is really moving very slowly in an effort to establish the volunteer agencies which will be essential to the program of civil defense. I am one of those who believes if we become involved in another war, it will become necessary, not only to

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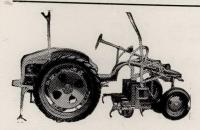
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draft manpower, but capital and labor, if we are going to be successful. We are going to be faced with a very serious situation, the likes of which we have never known before, of course, and that will have a serious bearing upon those men and women who will be available for civil defense.

The established agencies—the fire department in particular—are going to be charged with organizing the auxiliary forces and certainly it would be unwise to set up an auxiliary force of men who are going to be called into the military service, so it becomes evident to all of us that we must set up auxiliary forces, whether they be from the police departments or the fire departments, with men who in all probability will not be called upon to participate with the armed forces.

Twenty of the civil defense directors, including Col. Bisbee here, and the Commissioner of Police in Connecticut, Ernest Hickey, who is represented here today by one of his most able assistants, attended a meeting in New York about six weeks ago, twenty directors of civil defense of the states East of the Mississippi River, and there we were confronted with a problem which you must be thinking about.

How are the states going to work together, and until such time as this plan comes down from the Federal Government we will have to follow the practices which we have followed in the past and which have been the pattern for us, more or less civil disaster relief programs and the programs which were established but never called upon, fortunately, to do much work in World War II.

Legislation, of course, is most important. I think all of the states in New England, with the possibility of one at the present time, have passed the necessary legislation which will be essential to the proper functioning of the national set-up.

Many of you men are going to be concerned with mutual aid. It calls for many problems to be ironed out. Those concerned with what happens to a man who may be injured, or loses his life doing duty in another state, possibly, particularly those communities which lie adjacent to bordering states, that border upon other states which have other laws, are some of the things which are being discussed at the top level at the present time.

You are going to be definitely concerned with the equipment, what kind of equipment is going to be available and who is going to pay for it. Those are some of the other things discussed at the present time.

Here in New Hampshire we have a small state, but certainly it is going to be the purpose of this state to set up a very complete civil defense program—one that will be correlated with the neighboring states, at least, and which will become part of a very effective national set-up.

All of us know how difficult it is to interest volunteers at the present time, particularly when they cannot see the necessity for becoming identified with an operation which may not have any glamour to it and which is going to require hours and weeks of training. We have all had that experience and so in any program which is developed, it is going to be necessary to make that interesting enough to keep these volunteers on their toes. Certainly my experience in police work has taught me that, in the organization of the auxiliary police forces.

At the present time we are expanding them in the State of New Hampshire. We are trying to bring in more and more men each month in order to build up that

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force to a very effective organization which could serve in disaster relief and become part of the civil defense program.

I would like certainly to participate with all the other members of the Panel in a question period which is most likely to follow. It is good to be with you and I am going to be definitely interested in what you do in New England because the O'Neils may have to come back here, not only for a visit but in the case of emergency. Thank you. [Applause.]

CHAIRMAN WOOLLEY: Thank you very much, Chief O'Neill. Connecticut, as a good many of you know, has been a leader in mutual aid work and disaster planning, and the Commissioner is usually in the front of any program designed to that end. It is our very good fortune to have, in his absence, although we regret his inability to be with us, Capt. Ross V. Urquhart, his right-hand man, whom many of us have had an opportunity to see in action.

His work in sabotage protection and training of the police force in that particular field is probably without peer in this Country. I am confident Capt. Urquhart will not only gives us Commissioner Hickey's ideas, but interpret the wishes and hopes of the people in Connecticut. [Applause.]

CAPT. URQUHART: Chief Woolley, gentlemen, Commissioner Hickey expected to be here today and not until late this morning was the trip made impossible because of a very serious matter in his State. However, he called me this morning and gave me some highlights of what he would have said to you had he been here.

In the way of further introduction I would like to have you understand the Commissioner is not only defense coordinator in Connecticut, but is State Fire Marshal and is interested in arson detection, matters relating to fire prevention and the fire safety code and legislation there.

I have written a few notes—wrote them this noon hour and I don't go too far afield from the remarks made heretofore. I have not attended any of these national conventions with Commissioner Hickey, but have set down some of the thoughts.

Commissioner Hickey regrets he is unable to be with you and on this program at this time. I regret he is not here to participate in round table discussion on civil defense as he has much more information on the subject than I, and although in my talk with him this morning he gave me the highlights as he intended to present them, the Commissioner expects to be with us tomorrow evening.

It is realized that immediate steps should be taken to augment existing fire department personnel and equipment for use in the event of emergency should our "cold war" turn into a hot one. This may happen at any time now and we must not be found wanting. Commissioner Hickey feels that our greatest danger is sabotage.

If you have read and studied the methods of procedure on the other side of the "Curtain" I am sure you will agree with the Commissioner. Saboteurs will surely set off the fireworks and will most likely strike in our most important industrial plants. When they do strike they will do so hard and in a manner calculated to do the greatest amount of damage possible to our war or defense interests.



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To prepare ourselves for such an event it is felt that the fire departments must establish auxiliary fire-fighting forces and supplementary fire equipment stations, so organized, located and equipped so as to be available in the event the heart of an entire city or locality is wiped out. The Commissioner feels that every effort must be made to secure additional equipment immediately and that we should look to the government for aid. Much better equipment than was furnished during the last war is necessary.

Fire will take a heavy toll unless we are prepared and it is recognized more than likely that our enemies will strike in large areas simultaneously and not at single installations or cities. Therefore, it becomes a matter of great interest to our government as a whole and not one for private property holder or the taxpayers of any individual community.

The Commissioner feels that auxiliary fire stations housing the most modern fire-fighting equipment should be established and maintained at the fringe of a city and industrial area. Locating defense equipment at present stations, usually located in the center of habitation areas, will make all of your equipment vulnerable.

Auxiliary personnel should be organized and under the control of well-trained personnel to man stations in event of emergency. To assist Connecticut authorities, both fire and police, in maintaining the necessary committees in such an event, the Connecticut Department of State Police has organized an auxiliary police force in numerous units throughout the State. This has been done during the past month. We are setting up auxiliary networks for the purpose and locating this equipment and personnel. We have in mind an application of the same principle as we propose for your auxiliary fire stations; that is, remoteness from present locations.

Please do not minimize the great danger from within, the saboteurs, and be prepared to defend our good people to the best of our ability. This will not work out by itself, but will require your earnest effort immediately. Upon return to your home start the ball rolling, get aboard and start training them. Make a plea for funds from municipality, state and government with which to purchase proper equipment. Don't be satisfied with promises for G. I. equipment such as was issued in the last war. Each community has an individual need and those of you who are responsible for such services are better informed for the type of equipment necessary.

I am pleased to have had this opportunity to appear before you, and especially to be so honored at the session presided over by my good friend, Stuart Potter, a likeable fellow and one of the best fire prevention authorities in the State of Connecticut. I thank you. [Applause.]

CHAIRMAN WOOLLEY: Thank you, Captain. There are some direct suggestions that we should not overlook here, and as you see, we are getting right down to bedrock, so we are not only getting theories and ideas, but practical recommendations as to how we might carry out those ideas, and I would like to endorse this idea of the importance of communications. Nothing in disaster planning is more important than this and if you are not at the present time for your own disaster development work, instituting two-way radio and three, where you desire it, with the proper broadcasting stations, relay stations and so on, I assure you you are making a great mistake.

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I have been requested to bring to your attention from the International Committee on Communications the recommendation that you set about immediately instituting a state-wide allocation frequency plan for each state in New England. The States of West Virginia, Pennsylvania and Delaware and New York shortly, New Jersey and others are setting up state-wide allocation plans under the auspices of the International Association of Fire Chiefs and International Signal Association, some members of which I am sure are in the room. Those will be invaluable in a disaster of any kind. Years ago you know how important it was to have proper radio communication.

We step along quickly to the next speaker, and I am sure a great many know him—Colonel Spaulding Bisbee of Augusta, Maine and before he takes this floor—Maine, after suffering what it went through a couple years ago, is putting forth every effort, and I am sure what he has to say will be of great interest and well received. [Applause.]

COLONEL SPAULDING BISBEE: Well, gentlemen, inasmuch as the previous speakers have covered the general situation on civilian defense, I won't take your time to go into that, but I would like to tell you what we are trying to do in the State of Maine.

Following a suggestion from the Federal Government, the 1949 session of the Maine Legislature passed an act creating the Civil Defense Public Safety Agency. It gives the Governor a great deal of power. Really, there is hardly anything in the nature of a disaster, either in peace or war, but what he can call upon anybody in the State and, if necessary, compel them to get aboard.

Of course, that isn't the idea. I am sure the Governor has no such thought because I think the citizens of Maine will come forward and do their bit without prodding. Anyhow, the Legislature passed that act and it set up the Civil Defense and Public Safety Agency. It did not become operative, however, until the 7th of December 1949. At that time I was appointed director and started in to organizing, as well as I could, the State.

Now you know Maine covers a great many square miles and we are strung out from Portsmouth to Fort Kent. A great deal of that country is wilderness where you have to go by trail or canoe and naturally in those areas we have to depend largely upon the State Forestry Service which is an excellent one, I am sure.

We decided to organize the state for civil defense by way of the counties. In Maine we have sixteen counties and fifteen of them are well on their way to be organized. The county commissioners were invited to recommend a director for their several counties and they have done so. Then the Governor has appointed these gentlemen to act and it was suggested to them that they pick out and nominate five deputy directors to assist them in the various things which go on in the civilian defense, like communications, transportation, evacuation, health and welfare, and so on. As I say, they are doing very well at it and we have fifteen of our sixteen counties well on the way.

The act also provided for what we call "mobile auxiliary battalions" and we have already organized four within the State of Maine—one in Portland, one in Lewiston, one in Augusta and one in Bangor, and next week we are starting one in Aroostook

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County at Presque Isle. These battalions have a strength of about 180 men; they have a commanding officer and staff and are headed by a medical team of two doctors and five first aid men and with the provision to call in, if necessary, nurses. I am speaking of female nurses, if it is necessary. They take their own cooks with them and they have cooks' helpers.

Then each battalion has so many auxiliary policemen, so many auxiliary firemen, seventy general utility men. In addition to that we have demolition teams with apparatus to go with it. We have radio—two radio sets in each battalion—and we have drawn upon the state agencies to a great extent and have assigned from the state police, the forestry service, the seashore fisheries and the fish and game department, representatives to each of these battalions.

It isn't a question of the commanding officer of the battalion calling up the state police and saying "we want two or four patrolmen." They are assigned there now and are under orders to report immediately with their own transportation which, of course, they all have and they know they come under the direction of the battalion commander.

These battalions have nothing to do with the various counties. They are answerable to the Governor himself and he can take them out on any disaster and send them in any place in the state. He may also send them into neghboring states which have a similar law. We have never tried it out but I am sure from what I know that with our adjoining states we would fit in very well. These are the only ones that get any money out of civilian defense and they get \$6 a day and food if they are called out. They get nothing for the training.

The training consists for the auxiliary policemen,—the chiefs of police in the cities where these battalions are located are training them up to a certain point for peace work within a city. Then they are taken over by the state police and trained for duty in rural areas, and that applies, as well, to the firemen. The chiefs of the fire departments in these cities are training these firemen and after they have reached a certain training the forestry department step in and train them for fire-fighting in the rural areas, forests and so on.

I neglected to say we also have, in that battalion, provided for boatmen. We have a great many rivers and lakes in Maine beside the seacoast and we wanted to be sure we had people who understood maneuvering with boats and so on.

A short time ago the Federal Government invited each state to send one of the professors of chemistry or physics down to Long Island for a course in atomic energy, etc. We sent the professor of physics from the University of Maine and he was there for a five-week course. He then came back and the state has invested in whatever apparatus, including geiger counters, which he found the government recommended there.

He has covered the state since then and we have had in the neighborhood of ninety young instructors in physics and chemistry in the various high schools and academies take a course which will be carried on during this present summer, and we are organizing to go with each of those mobile reserve battalions a fifteen-man division for the purpose of going into contaminated areas to find how long rescuers might stay there or what shape the people in the vicinity are in when the bomb exploded.

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We are getting the greatest cooperation from the Maine Medical Association. They have an excellent organization and they have worked out now so that each one of our major hospitals has a plan which is in effect at this minute in the case of a tremendous disaster and they have their operating teams, etc., with provisions for relief and all.

We then have made a study of all the boys' and girls' camps in Maine, which are a great number, for the possibility of using them for evacuation points, and we have also surveyed the summer hotels, etc., as well as outlying preparatory schools with the thought of taking them over.

We have made a study of gasoline, oil, dynamite and powder storage places so that we think we know where all that is in the State of Maine. We are working also in each county with the American Red Cross and within two weeks at Augusta the National Red Cross sent some of their top people down there for a conference on disaster relief. I had all of the directors and others in there to listen to it, and I am sure the Red Cross got a great deal out of that end of it.

The next part of the civilian defense business is the aircraft warning system. That was requested by the Federal Government, the Air Corps, and I had nothing to do with the location of the posts. The Air Corps picked them out and it is up to Maine to establish somewhere in the neighborhood of 280 posts. At the moment we have already organized 220 out of our possible 280.

The American Legion are doing a wonderful work with that. It is up to the Civilian defense director to secure the personnel and the training and literature comes down directly from the Air Corps. Then we have the air raid warning system which is a warning that comes from Mitchell Field, the headquarters of the Eastern Air Defense Command, and we have three of those in Maine. By the way, they have a special telephone which is provided by the Air Corps to immediately get in touch with the commercial radio stations within the state, of which we have fourteen. They also contact the state police and forestry department. They each have their own radios so that we feel we could warn the people of the State of Maine pretty fast.

We are also taking in the "ham operators" so-called, of which we have a great number and a great many of them have mobile transmitters and receivers which would be very, very handy in the case of a tremendous emergency.

We are also tying up with the Civil Air Patrol and in Bangor we are establishing a filter center which will require the services of 500 people, and the total expenses are paid by the Federal Government, and they also designate some officers for the training of these people.

Briefly, that is our set-up. We are getting along pretty fairly well and I find as I go around the state that when people understand about this thing they are very anxious to pitch in and do everything possible that they can to help. [Applause.] Thank you very much.

CHAIRMAN WOOLLEY: Thank you, Colonel Spaulding Bisbee. I think we see a vast amount of work being done in another state.

It isn't often we have with us a Congressional Medal of Honor holder, but we have in the next speaker, and I don't know whether he would care to have me bring

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it out—Major General Merritt A. Edson, USMC, Retired. He is such a medal holder and I think that fact alone gives him some prestige when it comes to delivering the story of the State of Vermont. He is from Montpelier and many of you know him. I would like to have the General tell us what is going on in that state. (Applause.)

MAJOR GENERAL EDSON: Members of the Panel and members of the New England Fire Chiefs' Association, I am not going to take very much time because practically everything I would say has been said already. In Vermont we proposed to the Legislature in 1949 the same thing which got through Maine apparently, the model self defense act, but when it came out of the Legislature, instead of being a model act, it consisted of three very short sections which set up a civil defense council consisting of the Governor, the Adj. General and Commissioner of Public Safety, who I happen to be, and it stated that from those three one would be designated by the Governor as director of civil defense, which I am, located a civil defense agency in the Department of Public Safety, stated that the agency would function only in time of emergency, and refused to appropriate any money.

The result is that although we do have a civil defense agency in the state, such planning and such work as we do, for the present at least, must be carried out by the Department of Public Safety with funds allocated to something else, and we have to scan anything which says civil defense behind it.

The result is that we have so far concentrated on only one thing and that was and is, the air raid warning service in which we participated last Fall, and we are now organized about the same percentage as Maine, I believe.

I am one of those people who believe very strongly that we would be much better off if we called this thing, as Chairman Woolley said, "Civil Disaster Defense Program". About two weeks ago I heard Bill Cunningham, whom you all know as a sports commentator, give a very good talk in Montpelier, and the substance of his talk was that in spite of all the scareheads, that actually things looked pretty good, and in the middle of that thing—not once or twice—that all the indications of Russia are that they are building for defense, not offense, that although there is always the question of somebody touching the match off, I don't believe personally that we are going to be faced with a major war in at least ten or fifteen years.

Now I believe, also that if we build our community organizations, county organizations, state organizations, to take care of local disasters, county-wide disasters and state-wide disasters, we have the things necessary for civil defense in a national disaster, and unless we have that organization from the ground up, rather than from the top down, we are going to be in one "helluva mess".

I think it is up to the state organization and to organizations like this to prepare those disaster plans. If the states and counties and cities are prepared to take care of South Amboy, to take care of the Maine forest fire, to take care of what happened in New Haven, Connecticut—just to mention three of them—if they can do that properly without confusion, then they can take care of what is going to come in time of war, with the single exception of atomic defense and this air warning service which we are providing today.

I think that those states which are lucky enough to have a state safety council as Connecticut and Rhode Island have it, have a foundation on which they should also

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build their civil disaster program, that the state should act in this thing only as a directing agency, and that the real work has got to be done on the lower levels.

I think Maine is exceptionally fortunate in having legislation which permits them to build, because that coordinator on the state level will take care of an emergency. We need this liaison between the states which this organization here is especially able to do and to fit into that niche.

Finally, this last thought, I think that we should go a little slow on asking the National Government to provide to take care of this. We have seen that happen too many times because wherever the money comes from, that is where the direction comes from and I think this business of disaster is primarily a local job, local county, state and nation in that order, and that is on which we should build. (Applause.)

CHAIRMAN WOOLLEY: That last suggestion is a smart bit of psychology if you follow it through. I hope you caught the undercurrent of meaning.

In the prospectus, proposal and program laid out by the next speaker, copies of which have been distributed, you will find a number of fine suggestions. One says that an organization should be nonpolitical. We could spend an afternoon in discussing that, I am sure, with many side issues. It isn't the intent of the next speaker to read this proposal and program to you. I am sure we are getting pretty well saturated with civilian defense planning and it would be like gilding the lily or painting the rose to have to listen to that paper, but I do think we should have from Dr. Walter Cronin a very quick outline of what he has in mind, of what he is doing in Massachusetts, particularly in Cambridge, and so I present to you Dr. Walter Cronin, Director Disaster Relief and Civil Defense, Cambridge. (Applause.)

DR. CRONIN: Mr. Chariman and members of the Fire Chiefs Conference, irrespective of the city or town you come from, irrespective of the size of that city or town in any future hostilities, your town is expendible. Let that sink in. You will get no assistance from the Federal Government or the Department of Defense unless within the confines of your community you have a defense installation or a factory of some type vital to the war effort.

The Department of Defense has admitted there is no adequate defense against an airborne attack with atomic bombs. Some of them will get in. Merely because your city or town does not have a defense installation or is not a target city does not mean you will not get hit. The Federal Government will only advise you. It is up to the communities to organize for self help.

Two years ago the City Manager of Cambridge, Col. John B. Atkinson, called me into conference. Having been chief air raid warden he asked me to revive it in skeleton form; also he asked me if I would begin a study of the civil defense of the future.

Once a month I attend a conference in New York where I listen to a speaker on civil defense. I have been called by Congress to testify on civil defense. I have also, as Chief Thomas has, been brought in as consultant for National Resources Security Board, and I want to testify exactly as he did, that Washington is attempting to work from the bottom up and they do want to hear from you Fire Chiefs. They are attempting to do a good job, but they will only advise us as to how we can do that good job.

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Among other things, we attempted to get an act through the Massachusetts Legislature. A hearing was held on February 28 this year before a committee on military affairs and public safety. Up to this moment we have no civil defense act in Massachusetts. I read wherein the globa act is to be reported by that committee. I am fearful because of the tossing around it has obtained. I am fearful we are going to get an innocuous civil defense act.

About two months ago they told me they didn't have an act and so I presented them an act very similar to the Maine act and, let me say that Maine has a very fine act. I did the very same thing in Massachusetts—submitted the model Hopley act with certain amendments we had during World War II. That is still hanging fire.

Cambridge is fairly well organized. We could take care of a major disaster. We couldn't take care of an atomic explosion. We are now working without any authority except the authority and responsibility that the City Manager has for the safety of the citizens of Cambridge. He has delegated that authority to me but it is a very weak authority.

Other cities and towns have no organizations and we really are in a deplorable condition if we should be attacked.

Now firemen are especially interested in an atomic explosion. That ball of fire has at the instant it explodes the same heat as the heat of the sun. It will burn anything in its path, but it does not go around corners. In other words, if you were around the corner of a building during the explosion you would not be burned. You have seen a great many pictures in magazines and newspapers of the wounded and burned in Hiroshima and Nagasaki explosions and you have read they were caused by radiological waves. That is not so. Those are flash burns from the intense heat. It only lasts for a second or two but it is tremendous in its temperature and will burn seriously. You have seen those big growths, so-called, on the bodies of the wounded and burnt people, known to us as keloids. Those are not radiological waves, but secondary effects of those terrible burns.

Now it means tremendous fires caused by that tremendous heat radiated from the fire ball. After September you are going to be told the size of the fire ball, the temperature of that fire ball. That is going to be released. I should have said "July" not September. A great many details are being released by the Federal Government to the states and the communities.

Now there are three types of atomic explosions. One is the so-called "air burst." Another is the "ground burst" and the other is the "underwater burst." The air explosion is the most destructive, but an air burst does not have the radiological waves that the ground burst has or the water burst has. You can go into the area after the explosion of an air burst within ninety seconds of the time of explosion, which means immediately. You will have to be guided though by radiological counters, by geiger-counter men who will tell you how long you can stay so, therefore, forget the old things we used to hear that you had to stay out of there two weeks. You will be able to go in there for your emergency work.

Too much has been dwelt on atomic explosions. We in the coastline here can be attacked by guided missiles and rocket bombs. Janes Fighting Ships says that by 1951 Russia will have between 750 and 1000 sea-going submarines. Those are capable

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of throwing from their decks, rocket missiles and guided missiles. Therefore, if the City of Portsmouth was to be attacked by submarines 150 miles off this coast, these missiles have probably about a 5 per cent error, and no doubt one or two would drop right on the Wentworth. Therefore, you must be organized.

Those of you who have read the Hopley report, if you have sufficient warning you should leave the city with your fire apparatus and stay outside until the attack is over so that you can then come in and do your work. Those of you who have read the report on the Hamburg fire know it was the greatest fire holocaust in the world where men in the apparatus were dragged into the holocaust. The outside apparatus came in to Hamburg to fight the fire and were destroyed.

Therefore, as Col. Bisbee has said, you have got to have your mobile teams; you can't weaken your own units entirely in order to help somebody else. Those mobile teams will be made up in communities; cities of certain size will be required to put in a certain type of mobile unit. States will also put in Class A and B mobile teams made up of firemen, medical men, police, rescue and demolition. Now all you probably could spare would be your own mobile team. It may be perfectly possible that if Bridgeport is attacked, that Portland, Maine will send down help to Bridgeport, Connecticut.

This isn't a mutual aid agreement; it goes far beyond that. The more we go into it, the more we realize we are involved. It is nothing like World War II—the sand bucket and hand pump civil defense. In the future this is going to be a tremendous manpower guided and assisted by technical experts who are going to direct that tremendous manpower to combat the effects of atomic, guided missiles or bomb explosions.

I think in Massachusetts especially, what you can do would be the minute you go back on Thursday, is contact your representative and tell him an adequate civil defense act should be passed immediately, not an inocuous one. Also when you go back to your communities, all the fire chiefs talk to the police chiefs and ask them to draw a map of the city, having in mind that an atomic explosion will devastate an area two miles in diameter. Arrange traffic control points on the map of your own community. Do it now, not the day of an attack. Have him know how he is going to control; first, how emergency vehicles get in to do the job; second, those vehicles don't believe can be kept out, and third, evacuate people from the area, and don't have that map tucked away in city hall or the fire chiefs' hall. Give it to every contiguous community and every director of civil defense. Work it out with state police chiefs as well, and have a map of every sewer, gas main, water main in your city with its gates, shut-offs and supply. Have that map in the hands of every contiguous city or town and also in the hands of the state director.

Those are two important steps to take immediately. One of the speakers previously said that no doubt we will probably be open to questions. I will be here the rest of the day and if I can be of any assistance to the Fire Chiefs in answering questions I will only be too glad to. [Applause]

CHARMAN WOOLLEY: There are some succinct ideas there too on inventories and the need of getting immediate action without delay. Whether or not Washington gives us any complete plans and programs, it can do us no harm to take under advisement recommendation by Dr. Cronin.

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Now we come to the smallest state in New England, but it is one of the most powerful in America when it comes to the matter of civilian leadership and protection. I regret that Mr. Bonat couldn't be with us, but he sent Mr. McHugh up to give an outline of what they intend to do.

MR. THOMAS J. McHugh: Mr. Chairman. As a representative of Col. E. R. Bonat, I am sure that I have a very tremendous job to fulfill. The Col. had planned on being present to discuss with the panel the problem of civilian defense, but because of his coming retirement and new position he was forced to cancel his plans only a few days ago. He has been present at this conference for a number of years and had hoped to renew his many acquaintances.

Col. Bonat and his successor, Major John Sheehan, are familiar with all details of the entire plans that have been set up for the civilian defense in the state of Rhode Island.

As a member of the state Fire Marshal's Bureau I am very much aware of what our duties will be, but at this time I can only give you a limited and brief outline. No doubt, being in the Fire Marshal's Bureau, our duties will be about the same as when the civilian defense was active during World War II.

In 1941 there was an act passed by the general assembly establishing a state council of civilian defense. This act has never been repealed. At that time it stated that such a council be formed before our security could possibly be threatened. It also stated that during peace time, the Governor as Commander in Chief, may proclaim an emergency and declare the whole act or such sections thereof, as he deems proper to be in force.

The State of Rhode Island at this time has all plans complete under this civilian defense act. I am of the belief that it will follow along the same pattern that has been set up in other states through out the country. Although at this time, it has not been put through a practical test during peace time.

The Adjutant General of the state has been named the director, there have also been five deputy directors that have been appointed. Each deputy director has his committee organized. Each and every organization under these deputy directors can be formed with in a very short and reasonable period of time, if an emergency arises.

I have been in conference with some very high officials in this matter and I have been advised that there are only two states in the country that have actually used their civilian defense set up since the end of World War II.

These two states have put it to practical use due to disasters that have occurred. These I am advised are New Jersey and Texas. Both the disasters that occurred there are still fresh in our minds.

When we think of forming a civilian defense program we cannot help but think of the worst disaster that can possibly strike. We must keep in mind that disasters of a smaller nature can strike us here in New England without any previous warning. To name but a few, the hurricane of 1938 by which our state suffered a heavy loss in life and property and the serious forest fires that took place in Maine. We have also had serious floods in our New England states.

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The civilian defense was organized in our state during the war and many drills have taken place. It shouldn't necessarily mean that we must have a war to have civilian defense. We must have it during peace time and have all emergency forces formed and available for any disaster that might strike at a moments notice.

In Rhode Island we have something that very few states have.

Two years ago, Col. Bonat as State Fire Marshal, followed the nationwide program and set up our first state wide fire conference. In our state, the state fire Marshal added a committee which was known as the Rescue and Disaster Unit. The Chairman of the committee is the former Fire Chief and has been active in many fire agencies and rescue units throughout the state.

In Rhode Island it is common that Fire Departments have the equipment for such an occasion and have men trained for rescue and first aid. The chairman of this committee has worked in conjunction with the Red Cross instructors and within the past two years much has been accomplished.

One of the main purposes is to set up the rescue service on a state wide basis and have the personnel trained in a uniform manner, so that if they are called upon to carry on their work in another section of the state they will be able to do rescue and first aid work with other units that they have never worked with before. This uniform system saves much trouble and increases coordination.

At this time, identification badges are being processed so that these trained men can readily be identified. Such identification will mean that these men have passed the standard and advanced courses that have been set up by the American Red Cross.

Therefore, I believe that our state of Rhode Island has a civilian defense organization that is ready and can be called upon to act if a disaster should take place.

CHAIRMAN WOOLLEY: Mr. Bonat has a representative who delivers a speech in short time and it is right to the point. Take back our appreciation, if you please, to your Skipper.

We are rather fortunate in having another guest with us today, not on this part of the program, and I think we would be remiss if we didn't ask for a few words from him. A great many have known him for years and he is a "spark plug" in the Fire Service of the Dominion of Canada. He heads up the Fire Marshal's office of the Province of Ontario. He went abroad during World War II and is familiar with fire work done in England. I would like to prevail upon Bill Scott to give us an outline of just what is being done up there in Canada because some of these bombs may come in by air over your route. Bill, will you take over for a few minutes, please?

MR. W. J. SCOTT: Mr. Chairman and fellow members of New England Association of Fire Chiefs, I have been a member of your Association for ten years now, although this is only the second convention I have been able to get to. I went over to the fire service in England in 1944 to see how they were doing it in case we had to do it here. I was there only as an observer. More recently I flew with our Civil Defense Director of Canada down to the great disaster at Rimouski where we had a \$12 million fire and if it had not been for the Catholic Church, it would have wiped out the town. I wanted to bring that in for Father Collins' benefit. There was a green belt around the church and a bulldozer dug it up, and this and the stone church

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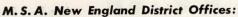
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saved the town. That is the type of fire you can't have very frequently today for it was a conflagration when there was not a wooden shingle roof in the town of Rimouski.

I am very glad to have heard Dr. Cronin's remarks. It is very fortunate for me that the Canadian government had me down to the U. S. Army where I believe I am the first working member of any Province or municipal fire department who has had the atomic warfare course. I can't talk to you about it because the restrictions of a Canadian are worse than speaking at home, and I can't speak at home on it either. But I do want to stress two things to you that have been published in many newspapers.

One is that, essentially, radioactivity from the uranium, plutonium or hydrogen bomb is essentially the same as from X-rays, which you fire chiefs know from fighting fires in hospitals where they have X-rays. The only difference is that up to 1945 there was less than 25 pounds of radioactive material in the entire world that was being used by man. Since then they are producing radioactive material by the ton. There is more of radiation in atomic warfare and you have to stay farther away from where contamination may be, but the types of danger are very similar.

Radioactive materials are now a matter of common use in a great many of your cities. They are in places of industry and laboratories where you never realized it before and where the fire chief should be notified of their presence. The trouble with radioactivity is that the danger can't be seen or heard or felt by any human sense—only by complicated electric instruments.

There is a very excellent instruction booklet which will be in your hands any day. That is designed for peace time fires but the same principles apply to any war-time fires. One of the main parts is that fire chiefs and fire departments should be trained to handle their own radioactive monitoring and to know themselves where they can go and where they cannot go. That, may I say, is one of the main reasons I took the course in the States.

A lot of people were trying to tell me it was too complicated for the ordinary individual to learn and the fireman did not need to know. Finally, I was able to persuade our people to send me down, and while it is a tough course—I didn't have any greater chemistry, physics or mathematic background than many of you people for in these I have just an ordinary high school education, although I have two university degrees in law and business—there is nothing about radiological defense when full particulars are shortly released, that the ordinary fire officer cannot learn and handle for himself and his men.

That is one message I want to bring to you very sincerely and definitely that fire departments can and should be trained in radiological defense.

In our preparations in Canada we have had for two years a civil defense in the planning stage. We have not yet had a general overall meeting. That is scheduled for September. General Worthington, our coordinator, is in England taking a complete civil defense course. On the radiological end I am the only civilian to have taken that. Some military personnel have. What we are doing in the fire services I will leave until tonight. I don't want to steal my own thunder. It is bad enough to have someone else do it.

As I motored here, this seemed a very happy continent that we live on. From the nature of the countryside and from the looks and actions of the people, the way they

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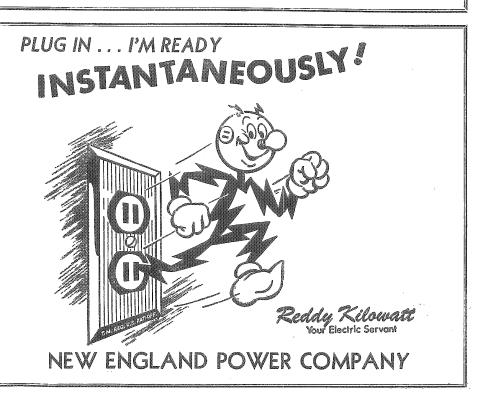
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B. F. Goodrich



talk, you can't tell when you are on one side of the borderline or the other. Actually we can't blame the Russians too much if they want to take it away from us and have it themselves. Originally our ancestors took it away from the Indians, but if we want to keep it we have got to work for it. But, again, as I tried to get out of Boston yesterday afternoon I wondered if the atom bomb was not about the only way to solve Boston traffic?

We have a very uncertain world. I certainly join in the hopes of one of the earlier speakers expressed that the uncertain world will grow more stable and be a better place for us and our families in which to live. All of us who have young children growing up have a grave responsibility to leave this world a better place than we found it. We did not do it very successfully. It may not have been our fault for conditions in the other parts of the world have made things so difficult.

Time and money spent in fire equipment and in training fire departments, training more and better firemen, is not money that is wasted. Not only it is not wasted if we have no atom bomb, it is not wasted if we have no major disaster, because when we advocate more and better things for the fire service, we are doing something for ourselves today under any circumstances, and not only under the threat of war. (Applause.)

CHAIRMAN WOOLLEY: Now we are forced to have a little time reserved for two more numbers and cannot very well turn the Panel over to a question and answer period. I regret it exceedingly. There is one way out for us and that is to be fair to the other speakers and ask our members of the Panel when they leave here to make themselves available in the immediate area to answer any question you might have for them. It will save a little time. Let me just remind you of this, that no Panel is of any value whatever unless it leaves in your minds certain crystal ideas.

It seems to me the high points are these; in the first place we have no fixed blueprint of any civilian defense plan either in New England or in the nation, and it is high time we had it. Secondly, when we discuss civilian defense we ought to consider it in relation to civilian disaster defense as well as defense against war measures. Thirdly, we must consider sabotage as a part of our regular training and a part of our regular defense measures because sabotage in certain fields is on the increase.

Next, we must have more men in the fire service—more trained men, more reserve men, more and better equipment to meet emergencies, etc. in normal disaster or in war-time disaster. We have had it brought out at South Amboy, Rimouski and other disasters you gentlemen know about, having resided in New England the past few years.

It is advisable that we start training auxiliaries and planning for these reserve forces. It is essential, too, that we devote more thought and time to communication systems in New England so we may be in a better position.

I will say this, in the presence of all police representatives here, it is a wonderful thing to have them headed up through police, but even police don't want fire handled through police. We found, regretfully, in South Amboy the communications system fell down and it was partly due to the method used and the program that placed communications in the right hands. It is a wonderful thing to devide those communications, but let me remind you who have radio operating at present through the police, that the peak of traffic is identical with the peak in fire.

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Next, the question of laws. It has been brought out here that we are still in need of proper statutes in our states to legalize civilian defense and protection. Much as we have done things, we still have things to be done. I think that all of our services should be coordinated and that point has been brought out here.

Another point we must consider—and I think we can take this home—is inventory. We have had the question of inventories of men, of materials and of medical health, etc. Those should be kept up and there is no reason why we shouldn't go ahead and make them up now.

Finally, we have had suggestions made here that statewide councils should be appointed and reserves organized under them, and in conclusion we have had the very wise idea advanced that any time spent in money in the improvement of fire service in the peace-time period is a good investment against war-time protection.

Gentlemen, I want to thank you for your patience, kindness and indulgence and I hope you will present questions to the members of this Panel. With that, I will resign to the next speaker. Thank you all. [Applause]

[There was a five-minute recess at this time.]

PRESIDENT POTTER: It has been necessary to make one change here in the arrangement of our program. For the time being we are going to pass over the topic of "Hazards of Television" and pick that up a little later.

We have Captain Daniel Murphy, Chief Inspector of the Fire Marshal's office of Massachusetts, representing Fire Marshall Edward P. Gilgun, who will now speak to us on "Relation of the State Fire Marshal to the Fire Chief."

CAPTAIN MURPHY: It is a far cry from the old days of the bucket brigade—the hand tub—the horse-drawn ladders and engines, to the present day, with its motorized and highly scientific and specialized apparatus for fighting fire and the saving of the lives of the public, even to the recent statutory requirement in the Commonwealth of Massachusetts, requiring Fire Departments to have gas masks on all apparatus responding to alarms of fire, for the much-needed protection of firemen's lives.

Likewise, when you consider the earnest efforts and early recognition, back in the days of the Massachusetts Bay Colony, to punish by death for the crime of Arson, commonly known as the burning of a dwelling; and the enactment of Statutes to control and regulate acts leading to or causing fire, by the prohibition of smoking, and causing home owners to have a ladder sufficiently long to reach the highest peak of the dwelling, and further requiring a fire bucket to be on hand, for the purpose of extinguishing fire.

Comparatively, and as against the continuously broadening needs of an ever greater and expanding populace, with the ever more grave and pressing needs for control and correction of new hazards, constantly entering and affecting our lives and property and every phase of our daily lives, through new methods of manufacturing processes, which in and of themselves are highly toxic, highly explosive, highly flammable and spontaneously combustible.

In view of these considerations, is there anything that you can conceive of that is more devastating and disrupting to a community, in peace or in war, than the ravages caused by fire?

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The fire losses in this country are appalling! What appears to be the reason?

We are all familiar with the fact that fires are caused either by carelessness or design! It does seem to me, and it is a matter of record in discussion amongst competent authorities, that the basic reasons are the Pyromaniac, the insane person affected mentally with the desire to create fire; and the cold-blooded, clear-thinking individual who deliberately sets fire for monetary gain, revenge, spite and any of the other multitude of human motives prompting the act of incendiarism; and the additional factor in war time, of the highly skilled, cold-blooded motivating approach of the sabateur, with his highly skilled techniques for destroying the life blood of any War—the industries that make it possible.

Of the thousands of undetermined records of fires passing through the State Fire Marshal's office, the element of human carelessness is outstandingly predominant—and this condition creates the most grave situation with which this country has to contend.

It is interesting to note, that when a robbery or a theft occurs, a great hue and cry is raised over the loss, and the crime—which affects in most instances, one, or a very few people. But—in the case of a fire which may cause loss of life—the loss of a home—or loss of business—scant attention is paid to it.

The question of what we can do to better meet the gravity of these problems, with particular emphasis on control of careless causes of fires should be of paramount importance.

No matter what type of fire hazard exists—it can be corrected by—

- 1.—Education—from childhood to maturity—to bring home consciousness of the gravity of fire, and its consequences.
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- 3.—Enforcement—a more energetic, direct and more courageous approach to this phase of the problem, by those whose specific duty it is to enforce the Laws, Rules & Regulations for control of this problem.

Under the Law, this duty devolves mainly on the Fire Chief. There isn't an official in any community, having any greater responsibility.

The next and most important consideration of all these things, I believe, and, beyond a doubt calling for the most serious consideration in any community, is the setting up and organizing of a functioning Fire Prevention Division, within the Fire Department structure. The need is so obvious and the great number of problems that are occurring make it necessary, that the Division not only be set up, but that there be full time employment of adequately trained men in fire prevention problems, to meet the needs of each and every community.

In our experience, there is too little consideration of this problem, and too little done about it! Where Fire Prevention divisions are set up, they are either on a part-time basis, or if on a full-time basis, lack sufficient manpower to properly take care of the full scope of their duties. It is surprising, how many communities lack any type of approach to the fire prevention problem!

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public, it goes without saying, in my belief, that the Fire Chiefs should center their efforts in selling the need of a Fire Prevention Bureau, adequate to their needs, each to his own particular community!

With these thoughts in mind, it behooves us all to recognize the need and importance of this particular phase of fire control, and the necessity for constant application towards betterment of control.

The powers vested in the State Fire Marshal and in his officers are far-reaching and broad in scope. He can, and does, study carefully, all new hazards created through new manufacturing processes and new uses of old processes. Legislatively, he has the power to seek control through regulations. From the enforcement standpoint, he has every power to prosecute criminally. He may conduct hearings and hold inquests, as the need arises.

Any office, no matter how powerful, or any group of officers, likewise with power, can only be as good and helpful as the cooperation of the greaterbody, in whom the power is vested, i. e., the Fire Chiefs, to whom is given such heavy responsibility.

The relationship of the State Fire Marshal's office with the Fire Chiefs has, all down through the years, been one of understanding and a willingness to whole-heartedly study and assist and support the Chiefs in whatever manner possible in their problems. Even more so, are we now, at the present time, willing to assist in every way possible, in a cooperative spirit with the Fire Chiefs.

I would suggest more frequent meetings between the Fire Chiefs and State Fire Marshal's office for discussion, to the end that those of us who are charged with duties and responsibilities in connection with the protection of life and property from the ravages of fire, may more intelligently be able to meet and handle our responsibilities and problems.

PRESIDENT POTTER: Thank you Captain Murphy. Now I am waiting for a report from the Program Committee. We have made a slight change in the program. The talk on "Hazards of Television" will go on at eight o'clock tonight and Fire Marshal Scott from Canada who is scheduled tonight will go on the program tomorrow.

With that in view, gentlemen, this meeting will stand adjourned until eight o'clock tonight.

[Whereupon the Tuesday afternoon session adjourned at four-fifteen o'clock.]

Tuesday Evening Session—June 20, 1950

The Tuesday Evening Session convened at 8:30 o'clock in the evening, on June 20, 1950, with President Potter presiding.

PRESIDENT POTTER: The meeting will please come to order. We are late in starting, but before we go into the program, I have two committees to announce. For the Committee on Courtesies, I will appoint Chiefs Charles E. Stackpole of Lowell, Mass., Otto J. Alletag of Warren, R. I., Milo H. Jordan of Springfield, Vermont.

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For the Committee on Resolutions, I appoint Chiefs Henry G. Thomas of Hartford, Connecticut, Oscar B. Berquist of Berlin, New Hampshire, Harold Nickerson of Brunswick, Maine.

At this time, our Secretary has a telegram he wishes to read.

SECRETARY O'HEARN: This telegram is addressed to the Officers and Members of the New England Association of Fire Chiefs, care of Chief Potter, President, as follows:

"May we extend to all the officers and members of your great Association, their ladies and their guests, a most cordial invitation to attend the 77th Annual Conference of the International Association of Fire Chiefs in San Francisco September 12 to 15. A warm welcome awaits those of you who will be with us next fall. We feel sure that members who attended the 1939 Conference here during the Golden Gate International Exposition and those who were with us in 1922, have pleasant recollections of San Francisco hospitality. During the 1950 Conference, we shall do our utmost to surpass our previous efforts. With sincere good wishes for a very instructive and enjoyable conference, and with kindest personal regards to the officers and members of the New England Association of Fire Chiefs, I remain, very cordially yours, Edward P. Walsh, Chief of Department."

PRESIDENT POTTER: We shall now resume our program where we left off at the afternoon session.

We are privileged to have with us this evening Mr. Haven S. McCrillis of the School Department of Lawrence, Massachusetts, who will talk to us on the "Hazards of Television."

MR. HAVEN S. McCrillis: Thank you, Chief. Mr. President, Officers and Members of the New England Fire Chiefs Association. It gives me a great deal of pleasure to be asked to come down here. Evidently, some of you are very much interested in the subject, "Hazards of Television."

The first thing that I want to take up is the hazard, due to stored-up heat. A television set uses a great deal more current than the ordinary radio set, and in the process of using it, some of the sets are very poorly ventilated and the heat stored up is terrific.

I don't think that any of you would think of putting a 500-watt flatiron in a box and throwing a blanket over the box. But, you do the same thing when you throw a drape over your television set, using 500-watts. Many fires have been started in that manner.

Most of the good sets have been adequately ventilated.

Some of the table model sets have four points of support; they are designed to go on a table of a certain size. If you put them on a smaller table, the rubber feet will straddle the table, and obstruct the opening from the bottom of the set, thereby causing a loss of ventilation and a lot of heat to develop.

Now, that heat can do a lot of damage. In the first place, it damages the set, and it may start a fire, if left on too long.

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Another source of fire is the use of a magnifying lens in front of that set. If the sun hits it at a certain angle, it probably will start the cabinet of the set flaming up, and several fires have been developed in that manner.

Those are two of the dangers from fires.

Now, in fighting the fire, the danger of high voltage comes in. I will give you a look at some of the high voltage that is developed in your television receiver. I hope that most of you can see this when you come up here. At that point (indicating), it is just about 75,000 volts. In this particular case, it is harmless. But, if I should try to light this light through my body, on an electric current of ordinary frequency, I would be instantly killed. I am going to try to light it on the high frequency current, and I don't think I will drop dead. All of that current is passed into my body; whereas 200 amperes usually causes death.

On your television tube, I haven't one here, but I have a fluorescent tube coated with the same material, and that tube is alive with a very high voltage on it, going from 3,000 up to 25,000 to 30,000 volts on a projector tube. To get close to that, it is almost fatal. The voltage is not only present, but there is an enormous quantity of electricity stored up in the tube, and then the capcitors in the set touch them any you get that discharge of the whole thing in a fraction of a part of a second. It may kill you, and it may not. I don't like to scare people, but in this issue of Radio and Television news that I picked up a while ago, which happens to be the March issue, the editorial says that television can kill you. There are several ways that you can get hurt. And one way is this. As you all know, if you break an electric light bulb, you will hear a slight pop to a large, loud pop, depending on the size of the bulb. On some bulbs, the glass flies inwardly. Those are the vacuum bulbs. On the ordinary bulb, it just flies outward, because it is a gas-filled bulb under pressure.

The picture tube used in television is evacuated to a high degree of vacuum, when it breaks the particles of glass inwardly. It is called an inplosion, as distinguished from an explosion. Unfortunately, like the man who went into the woods, he can go into the woods and come halfway out. Then he stays in.

In one of the tube factories, the engineer told us that the girl dropped a 7-inch tube. Now, most television sets have tubes larger than 7-inches. The end of that tube, when it exploded, went through an inch and a half fire door. So that you can imagine what it would do to you.

The worst part of it is this. The screen of that tube is coated with a barillium compound. If you have read the papers lately, there has been quite a little about barillium poisoning, which occurred six or seven years ago, unknown to the victims.

In the manufacture of these fluorescent tubes, and this is just showing up now, if you get cut with a piece of glass from a television picture tube, and go to a physician at once, and inform him of that fact, and get that wound thoroughly cleansed of all barillium compound, you will probably be all right. It is a very long-lasting poison, and they have found no cure for it as yet.

The Sylvania Company, who printed this pamphlet [showing pamphlet], gives precautions for handling picture tubes. They recommend wearing of safety goggles and gloves. And, when not installed, keep the tubes in the shipping cartons, with the covers closed.

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I have been in television shops, and I have seen tubes lying on the bench, and a slight push would send them to the floor, and the Lord knows what would happen. That is one thing that you should insist upon, and the best way to get rid of a tube is to put it back into the carton in which the new one came, and put it in an ash barrel and drive a bar right down through it.

Now, regarding the electrical end of it, on the back end of the set, you will find where the cord goes in, there is a peculiar-looking plug, which when you remove the back of the set, comes with it, and it disconnects the set from the power supply. However, that just takes the set off the line and does not render it safe. It has stored up in it quite a quantity of electricity, so that when we are handling it, we take the back off, and then we discharge the high voltage, so that we do not receive a shock, which may be fatal. It may not be, but it is decidedly unpleasant, while we are handling that set.

Another thing, do not walk into a store or a home and put both hands on the set; keep one hand in your pocket or behind your back like that [illustrating]; then you are half safe anyway.

Do not short-circuit the safety interlock on the set. When you remove the cover of the high voltage supply, there is an automatic switch there; this opens and it is supposed to make the set safe. It does. But, the technician has to work on it alive, and he has to be very, very careful.

Of course, I think you know what a picture tube looks like. Most of you can see this tube here [showing picture of tube in a folder].

Regarding the high voltage, and in fighting a fire in a television set, do not be afraid to throw a stream of water right into it, even from a hand extinguisher. The minute the water strikes it, the high voltage will go through the dampness lodged in there, even if it is only a foggy dampness, and automatically discharge it, making it safe to handle.

About the only thing you need to concern yourself with is the flying glass, in an explosion.

In one place, they had a fire in a television store, which burned up six sets. The tubes just went off with a bang, and the plate glass window went out, and it cut six firemen up very badly, and they all landed in the hospital.

So that one thing you have to be really cautious about is the inplosion of the tube.

Now, remember, the inplosion is just as bad as the explosion, because when it starts in, as I said before, it keeps on going.

Some of you are concerned with the horrible examples of television installations, as you see all through the country.

Now, this little house that I have here, has a television antenna on it, in the worst possible place; it is on the chimney [referring to model house]. Now, there are three good reasons why it should not be on the chimney. One is that the chimney is usually a kind of decrepit part of the structure, about ready to fall down. Another is that the chimney is full of soot, or carbon, which is a good conductor of lighting. And third, it is constantly giving out soot, which lands up on the antenna, and destroys the efficiency of it. It is the worst possible place to put it for that reason, or for those reasons.

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Now, this little house is connected up with the antenna grounded. You see the ground wire, and you can see where it runs down in front of the house; well, this is really the rear of the house, but, as far as you can see, it is the front. You will notice that black line that comes down there [illustrating on model], and when it comes down near this connection, we jump over to here [indicating]. Now, that is within six or eight inches of the ground wire, and it must be connected to that, also.

If I put the high voltage on here, I expect nothing will happen, but I won't guarantee it, because you never can tell what is going to happen with electricity. Now, that represents the lightning hitting the antenna [demonstration]; it hits, also, the chimney, and perhaps you can see it glow, on there [demonstrating].

Lightning protection should not only be on the antenna, but out in the country, there should be lightning rod protection, also, and the mere fact that there are two points, one at either end of the house, or perhaps four at the corners, doesn't insure the house safety from a lightning stroke, if you put the television equipment up above it and do not ground it, for the important thing is to ground this in the proper manner, and the proper manner is straightest line possible, and not to bring it from here over to a soil pipe or run it down here to a water pipe [indicating on the model house].

In the city, you have a good, underground piping system, but in the country, you do not.

I know one case where the lightning came in and it blew the power light of the house; it blew up the transformer; it came into the house and it flashed in the kitchen; then it made up its mind to go down the spring and get a drink; it went down eight feet from the house. At the surface of the water, it cut the pipe off, constituting the wall of the spring, as if it had been cut off with a knife.

Now, that was my daughter's house, and she can vouch for that.

I had another thing happen. It sounds rather fantastic, but here it is. In Nashua, they put up an antenna. I was informed that in a high wind, the chimney went one-quarter the way around. Captain Hay made the statement; I challenged it, and he verified it. The chimney was of poor construction.

Now, I am going to take the ground wire off, and I am going to put it up here. I am going to see if anything really does happen with an ungrounded antenna, and something might happen, for I can hear it jumping somewhere [demonstrating]. I don't know what is happening there, but as you can see, there is smoke coming out of the house, so it doesn't look too good. There is a little piece of paraffin paper in there; I didn't want the thing to burn up too much, so I didn't put too much paper in. You can see what it did to it; it burns holes in the paper. In a short time, there would have been a nice fire started in the house.

Now, here is something that is not generally known. At all times, there exists in any metallic structure not connected to the ground, a static voltage of approximately 100 volts per foot in height above the earth. If you have an antenna thirty feet above the earth, you have thirty times one hundred volts, or 3,000 volts of static voltage, which apparently does no harm. It may, however, help the lightning to strike that particular thing.

To get rid of that static voltage, we ground this and the voltage at this point is zero. Now, it may sound farfetched. The General Electric made a test, and they



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took a clothesline and put it six feet above the ground. It was a metallic clothesline, ten feet long. They wanted it with a test instrument attached to it; a vacuum tube volt meter, to be exact, watched it during a thunder shower, and the lightning struck three miles away.

In that ten-foot length of wire, there was a reduced voltage of 67,000 volts, which is unbelievable, but it was an actual test. Your lightning arrestor, which you purchase so easily for \$1.50 of \$2.00, is designed to remove that voltage from the transmission line and the lead-in and the antenna; it is not a lightning arrestor; it really is a protector. For I don't think that you ever saw anybody arrest lightning. It never strikes twice in the same place. That sounds peculiar. It has struck the Empire State Building a great many times, about 80 to 90 times a year, but it never hits in the same place, for this reason; the same place isn't there. Whatever it hits, it vaporizes, so that that particular spot is gone. It can hit closely to it, but the exact spot just isn't there. So that it doesn't hit exactly in the same place.

However, the danger from lightning is not too great in a city. In the country, it is not too remote and not too great, either. But, remember this fact, that the highest metallic structure above the building acts as a lightning rod. Also remember this: If you have lightning rods on your house, and you put up a well-grounded antenna for television, do not take the lightning rods off, but put a couple more on; it will help.

The television mast does not take the place of an underwriter's approved lightning rod. It does minimize the danger; but, if this is 30-feet high, it protects this 30-feet in diameter at the ground surface [indicating], so that it might protect that much and not this [indicating].

The best protection is to have regular lightning protection, and not depend altogether on your TV antenna. In other words, if you put up an antenna, don't take the lightning rods down.

There are two or three other things here that I think I can show you. Here is a piece of wood, with black bands on it. The sparks are going through the wood; perhaps I can burn it up faster for you [demonstrating]. Now, this represents the soot in your chimney.

Here is an ordinary fluorescent tube, which has burned out. It lights up, though, because this high frequency will travel through there, where the ordinary voltage won't travel through there. There is nothing to be afraid of, except that it might scare you; but, everything on here is alive. And that isn't touching any particular thing; but, just look at it! And that is what can happen inside your television set, with that high voltage. If it gets damp, or dusty, the dust will gather up a little dampness, and you will get leakage in there, and that leakage may possibly cause a fire.

Now, I think that you are perfectly justified in following this book, here, the National Electrical Code, for in there you will find instructions for grounding, and for lightning protection. There is an article which applies to radio and television receiving equipment, and it tells what the antenna shall be made of, and the supports and how they are installed. That book, you can get for yourselves.

But, here is something that you can't get, television installation requirements. We stole these, and then we got permission to use them. I think that most of you have this television antenna installment requirements. But here is the important feature. "Every

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person proposing to install a television antenna shall give written notice to the inspector of wires, before commencing to work, etc." Then it continues that the grounding must be done in an approved manner. That is in the Supplement to the Code, that the ground conductors shall not be smaller than No. 8 copper wire, or No. 6, if aluminum.

No one ordinance that I have seen calls for a ground to carry 15 amperes. I don't know whoever measured the amount of current flowing over the ground wire, but it would be a great deal more than 15 amperes. A No. 14 wire would carry 15 amperes; but, it is not mechanically strong enough, and it is entirely unsuitable for that purpose. I don't know whose ordinance that was, but somebody in Massachusetts, the one who drew it up may be here; I don't know.

However, this one in my hand is the best I have seen yet. This is the New Bedford Ordinance, and I think it is the best one that I have seen. I would recommend that you go back to your own home town and that you adopt some rules along this line.

Television installation men are in the business for what money they can make. They quote a price, and they have to make money. So perhaps they do not do the best job. They are in a hurry. A great many of them do not know anything about the National Electrical Code, and they care less. I have seen some terrible work.

So that I certainly think that this ordinance should have another paragraph attached to it, and you will probably kill me for saying this, but I think that all antenna should be by or under the supervision of a licensed electrician or a licensed radio technician. I know there are no licensed radio technicians at the present time, but there are bills in the various legislatures for that purpose. That would insure responsibility for that antenna installation. As it is now, nobody is responsible. And, if a house gets on fire, every one will say they didn't put it up; they will deny it.

We had an oil burner case in Lawrence a little while ago where a man who was unlicensed, installed an oil burner improperly, causing the deaths of three people, and there has been quite a lot of talk about that. We have a law in Massachusetts that forbids that. We have laws in Massachusetts for electricians. There is no law in New Hampshire as yet. I hape they will get one.

The law in Massachusetts sets up a board called the State Examiners of Electricians. The State Fire Marshall is the Chairman. The Commissoner of Education is a member; the Director of Civil Service is a member; Master Electrician Whittemore and journeyman electrician Donnelly are also members, and the Executive Secretary is Mr. Witherall. Those are the members, and they are very strict, and it is a good thing they are strict, for it stops a great deal of poor electrical work that we find in some of the other states.

Now, the law says that no person shall engage or work at the business of installation of wires, apparatus, fixtures or other appliances for carrying electricity for light, heat or power purposes.

Now, I don't know what you are using electricity for in the television set, unless it is to heat-up the tubes. I say, therefore, that it comes under the license law, and that the inspector has jurisdiction, and he ought to exercise the jurisdiction before somebody gets badly hurt. Furthermore, there have been a lot of fires caused by poor installations of television apparatus.

If there are any questions, I shall be glad to try to answer them.

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Mr. Sholander of Providence, R. I. I am an associate member. I had the pleasure of listening to your story a month or six weeks ago at North Kingston. Since then, they have had an aerial television fire. They found that the television was grounded to the soil pipe. It heated up the soil pipe and charged all of the bathroom fixtures, etc. and the smoke issued up through the drain pipes of the lavatory, etc. Other than that, there was really no fire. But, it heated the soil pipe and fixtures to the point that they became charged and smoke issued up through the vent. And that was shortly after you had been down there; I would say that it was about a week and a half after you had given your talk.

MR. McGrillis: That is an interesting bit of information. I can say now, that a soil pipe is not a ground. It may test a ground; but, a soil pipe in the first place is covered with a tarry proposition. One pipe is set inside the other, and it is clamped down with okum or lead, or some other composition which may or may not make a good connection. Where it goes down into the ground, it usually goes into a fill-pipe, that will break the connection. Then, the only ground connection that you have will be through the bathroom, or pantry fixtures, in to the water pipe. And, if lightning comes in there, not liking to go around corners, it will jump off, and it will go anywhere but where you expect it to go.

For that reason, the soil pipe ground is worthless; but, the soil pipe ground is the one where 95 per cent of the television men put up the sets. Why? Because it is easier.

I had a television installation man tell me the other day: "How am I going to run the ground wire down, inside the building?"

I said to him: "You can run it along there."

He said: "Well, I can't get up there."

I said: "Well, if you can't run the lead in, you can't run the ground wire, and vice versa."

In other words, they just don't want to do it.

I heard of another incident from an engineer, who came in to a wholesaler and said that out in New York they had a soil pipe ground, and when the lightning hit the soil pipe, the man who was in the bathroom landed out in the middle of the floor. It is natural that the lightning will jump from there, being a poor ground, to find a better ground.

Now, the best ground for lightning is the rod driven in as straight a line as possible right down here into the ground. It may not measure in ohmic resistance, as low a ground as the soil pipe or water pipe, but lightning doesn't care anything about that. The idea is to get rid of the lightning charge as fast as possible. If it is too intense, it is going to melt the ground wire; we know that. If there were no ground wire to melt, probably it would melt the house, and, the house, not being of metal, would go up in smoke, for it would get so hot that it would start to burn.

In the first place, in the majority of the cases out in the country, and in the city, too, the first place that the lightning strikes is the chimney, usually above the roof, the highest point in the structure being the conductor of electricity, and it may be heated air going up from the chimney that will draw it. This chimney is black inside; it is covered with soot that doesn't run off; that is what it really is.

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CHIEF MOREY, Attleboro, Mass.: We have been all through this. This is a New England conference. You have your laws in Massachusetts; you have them in Vermont. You have them in Rhode Island.

All of these things this evening so far belong in the Electrical Department of Inspection, and not to the Fire Chiefs.

MR. McCrillis: To answer that, I might say that in about 60 per cent of the towns of the Commonwealth, the Fire Chief, by law, is the Electrical Inspector. There is no separate wiring division. So that he is not only the electrical inspector, but he is Superintendent of Fire Alarms. So that I think this properly belongs with the Fire Chiefs.

CHIEF MOREY: No, sir; we have enough in our laps now

MR. McCrillis: I don't doubt that a bit, perhaps you can put it up to the building inspector.

CHIEF MOREY: I am the building inspector! (Laughter.)

MR. McGrillis: That's good! Then, I think you ought to have the installations put up right in your territory, and you can make sure that they are not on the chimneys. You can make sure that they are electrically perfect. And if you are the wire inspector and the electrical inspector, the Superintendent of Fire Alarms and building inspector, all in one, I think that you have a good job!

Are there any more questions that we can solve here tonight?

Remember that this current used is not the same that you have in your radio. If it were, I wouldn't be here. This is the high frequency current, which does not enter into the inside of any conductor, wire, tube, human body or anything else. It stays on the outside. This happens to be a doctor's diathermy machine.

CHAIRMAN POTTER: Thank you very much, Mr. McCrillis, for your very informative talk. We have gained a great deal from your talk here tonight.

Now Gentlemen we are going to have a Round Table Session on "Mutual Aid—New England Style" conducted by Raymond J. Kenney, Director and State Forester of the Commonwealth of Massachusetts, and I am now going to turn the meeting over to Mr. Kenney.

MR. RAYMOND J. KENNEY: Mr. Chairman, and friends. I am very glad to have the opportunity to be with you and renew old acquaintances again.

I am also happy that your Program Committee has seen fit to include on your program something in regard to forest fires, which, obviously, we know this refers to.

When we stop and consider that 75 per cent of the land area of Massachusetts is in forest land, and frequently harassed by fire, and in addition to that there are thousands of acres of open agricultural land which come within the State category, it is very obviously a problem for a group of Fire Chiefs from New England to consider in their Annual Conference.

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I suggested this title to your Committee, because I believe, as I know you do, that mutual aid is the secret of success in fire prevention and control. There is no community, no matter how large or how well equipped, that can have the equipment and the man-power to meet that one unusual situation which strikes, and, therefore, they very well look to their neighbors to come to their assistance and collectively the job is usually well done.

And, the same situation obtains in this vast area comprising 75 per cent of the land area of New England, and here, the advantage of mutual aid is being most effectively demonstrated, for we shall see, here, in a few minutes, that in New England and in the northeast, we have developed the theory of mutual aid to a greater extent than in any other part of the United States.

The further thought which comes to us, of course, is the mutual aid which comes from the larger communities in the hour of trial, to their smaller neighbors.

I do not want to take the time to pay my respect to the small-town fire departments, with their call chiefs, and their earnest volunteers, but I do want to say this: That when the chips are down, in a serious forest fire situation, as in 1947, it is the professional Fire Chief and the organized department that must save the communities of New England from devastation, which, unfortunately, appeared in some of the states at that time.

Therefore, we will direct our attention, first, to the subject of the mutual aid which comes from the larger communities to the smaller towns in their own State, and, for your speaker, you have one of your own members who, in October of 1947, had ample opportunity to see why the professional Fire Chief and the organized department must be ready to come to the aid of the stricken communities or there would be no communities. So that we have as our first speaker Ralph G. Seavey of Rochester, New Hampshire, who certainly learned the hard way in 1947 and did a magnificent job. (Applause.)

CHIEF RALPH G. SEAVEY of Rochester, New Hampshire: Mr. Chairman, and Ladies and Gentlemen. I don't know just how I fit into the picture here, but I received a letter from Mr. Kenney, and I don't know just what he wanted me to say. But perhaps I can add a little bit here regarding the larger communities helping the smaller communities. It is rather a hard subject in my neck of the woods, because I have found that the smaller communities, since 1947, have come a long way.

Speaking of my vicinity, and maybe for the city of Rochester, we learned quite a lot in 1947 in that fire hazard. We realized that organization in regard to mutual aid is the important thing. We know that the larger communities are organized, with paid men, and naturally they are the first ones to turn to for help; you can get it much quicker from them. You have to have help in a hurry, and it is necessary to call upon the larger communities for that help.

Since 1947, we have also organized another district in our vicinity, and I refer to the Forestry Department heads, and we have put a new District Chief in the District, and he is also working a program to better the conditions in that vicinity right now.

We have surveyed our locality and we have found just what we could call on in regard to equipment, and we find that in the vicinity of Rochester, within twelve miles today, we can bring in 16 tank trucks, anywhere from 600 to 1,000 gallons, which, in 1947, could not be done. That shows that the smaller places have organized themselves since 1947.



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And after the warden arrives at the scene, he doesn't have to worry about running to a telephone a mile or two away and calling for help; he can radio back to the station and they can do it for him by telephone.

Also, during the hazardous conditions, we got up what we call a patrol, along with our lookout tower, which is not a great way from us.

We are in the valley, and at times, it is quite hazy, and the patrol does not see, completely, the whole valley; therefore, we have organized our own lookout patrol. In other words, every hour, there is a man dispatched to these points of elevation, where he can look not only over the city, but he can look into the surrounding communities around there. In that case, we are rendering service, also, to those smaller communities by being able to detect a fire many times when the lookout tower cannot. In that way, we are able to move in on that fire that much quicker.

We have also come to one conclusion, and that is, that all over New England, I think, and we, in the State, here, have passed a law, that there is no such thing any more as a State-Line, and further, there is no such thing as a Town Line.

We are now notified of any fire, or, if we detect any fire in any community near us, we automatically go. We move in on the fire, and notify the warden of that town about it. We don't discuss any more as to who is going to fight the fire. The only thing is to have somebody fight it and extinguish it, and then after it is extinguished, then we will pay the bills. It doesn't make any difference whether it is Rochester or Barrington that puts out the fire; if Barrington puts out the fire, we will pay the bill, and vice versa.

We have also been getting together a listing of all the apparatus available, the amount of tanks, the amount of pumps, and Indian tanks and what not, so that we will know just what we can get, and also a listing of the manpower is important. Possibly the larger communities can furnish manpower to the smaller communities.

One of our biggest troubles is getting manpower, for the average small community around us would do well to round up a crew of ten men. Therefore, that is where we can provide the manpower to the smaller communities.

Also, in Rochester during the past year, I have housed a State portable pump, and some hose and equipment so that it will be very handy to any community around us, ready to be dispatched at the call of the chiefs. In the past, we have been very weak in that respect, because they have mostly centralized their equipment in more distant parts of the state.

As you all know, the main object is getting the equipment to the fire as soon as possible. So that now, we can get to work much quicker and extinguish the fire. For when you have to come a long distance and bring your equipment along, that is when the fire gets out of control, and then you have that much harder a fight on your hands.

I do not know of much more to say about the larger communities helping the smaller communities. I can only say again that the smaller communities in my neck

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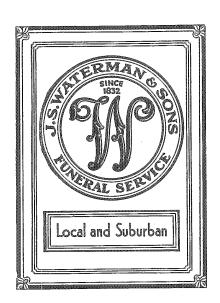


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of the woods have helped themselves, and I mean in this respect; they buy equipment themselves, and they have done a swell job in getting tank trucks and equipment, and I think they can be a great help to us, in fact as much help as we are to them. (Applause.)

CHAIRMAN KENNEY: What Chief Seavey has said is typical of what goes on all over New England, in this wholehearted experience of the smaller towns.

You perhaps noted that the Chief spoke about tank trucks. Some of you men perhaps, who have been born and raised on a good hydrant system don't realize what it means when you have to take every drop of water with you to the fire.

Now, if you have noticed your weather report, at least down in Massachusetts I can say that we are running several inches of rainfall short for 1950. But, bear in mind that that is from January 1st. And we in Massachusetts at least are some nine to ten inches of rainfall short. In other words, unless we have rain during July and August, we are rapidly going into a critical situation; right this minute the woods are tinder-dry, except for scattered thunderstorms. But, watch July and August, and if you see, in your weather bureau report, that your rainfall is decreasing below normal, then look out for the month of September.

Along this line, in all of the New England States, the State Departments are interested in this forest fire work, and let me say that this term "forest fire prevention and control" is somewhat of a misnomer. The proper term is "outdoor fires" because it includes all of the outdoor fires. It also means that if the outdoor fires are not brought under control readily, they will soon become indoor fires. So that you can't draw a line that there is a fire in a community in or out of a building.

One of the New England States has done a very outstanding job in organizing its work to aid all of the political subdivisions, be they small towns or the larger cities or the larger towns, and I refer to the State of Connecticut, and I am going to ask the State Forester, Mr. W. F. Schreeder to say a few words to you tonight on the subject matter of "Mutual Aid" insofar as the State government is concerned towards its political subdivisions, and I am very glad to present to you Mr. W. F. Schreeder, the State Forester of Connecticut. (Applause.)

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The forest fire problem being primarily one of human relationships, the way in which we handle and react to those relationships will determine the success or failure of our fire prevention and suppression program. The first pre-requisite for human relationships is people, and here in New England we have them from sparsely settled Maine's twenty-six to Rhode Island's five hundred and eighty-eight per square mile.

It has been said that people in large numbers are not a handicap, but in Connecticut we have records which show that the number of fires is almost directly proportional to the population. Regardless of population, every state forest fire organization

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has the problem of how to maintain cordial, friendly, cooperative relationships with those people who start fires.

Let us see how the State of Connecticut works with its people for mutual benefit. Connecticut has tried every form of forest fire organization; has retained the good, and discarded the poor parts of each system. We started out with the fire wardens being appointed by the selectmen, and worked under that system from 1905 to 1921. Not very much progress was made during that period, but after the appointment of the fire wardens was placed in the hands of the State Forest Fire Warden, the organization improved greatly. As we look back over the years, this change stands out as the first far-reaching forward step, since it took cognizance of a higher responsibility in dealing with matters which until then had been handled at the local level only, and without much cooperation between towns.

Through every change we have tried to stay close to the people and to work at the local level for most of our organization. A brief outline of that organization will show how we work. The State Forest Fire Warden is assisted by two District Foresters, each of whom is assisted by several Rangers. Each Ranger is in charge of a certain fixed area in which he is assisted by District Wardens who are in charge of an area approximately the size of a town. We have 141 District Wardens—169 Towns.

These District Wardens, although appointed by the State Forest Fire Warden, are actually selected by the Rangers. In turn, the District Wardens select their own Deputies even though theoretically the State Forest Fire Warden must approve such selections. What kind of human relationships would exist if a District Warden's choice of Deputies was not approved! Thus, there is provided in each step of the organization, responsibility to someone above, and dependence upon those of your own choice. At the local level where most of the fire fighting is done, the Deputy Warden and his crew are the foundation upon which the organization is built. All those over him are there to help him.

The state supplies fire fighting equipment to all personnel in the organization, inspects, repairs and replaces such equipment at least once annually; maintains at the Ranger's Headquarters power equipment ready to respond to the call of any fire warden within the district; and maintains at the District Forester's headquarters a cache of hand and power equipment.

The state trains fire fighters upon the request of the warden, and also permits the warden to train his own fire fighters, reserving only the right to inspect a trained crew before approving it.

Such an organization is fluid, yet every part is responsible to some other part. You have no doubt noticed that each part of the organization is responsible for certain territory. Any person who goes out of his own territory, works under the direction of the man in charge of the territory to which he goes. Warden, Ranger and District boundaries are crossed at will as forces flow back and forth to meet ever-changing fire conditions. Each person has a duty to perform so he works with his neighbor or somebody else's neighbor equally well.

So far we have been talking of only one phase of the suppression forces. Another very important one exists—the local fire company, volunteer or otherwise. There should be no conflict between the fire company and the forest fire organization, for each has a very definite place. By and large, the fire company equipment is not suited

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for forest fires; neither is forest fire equipment suited for building fires, yet each may supplement the other.

The primary function of a fire company is to protect high value property; that of a forest fire organization to protect woodland. A house fire may be a potential forest fire; a forest fire may become a house fire. Today in the thickly populated states, with more and more homes being built in woodlands, it would seem that the best answer to such conditions would be to work together on a common problem.

To achieve this our Rangers work very closely with the Fire Wardens and the local fire companies, for many of our forest fire personnel are also members of their local companies. In such cases the Warden's forest fire equipment is usually kept on the fire truck. This close tie-up gives the members of each organization a better understanding of the problems of the other. The alarm system at the fire house and the ever-ready fire trucks, give the fire company the jump insofar as getting to the fire first and starting the all-important initial attack.

When members of the fire company are trained and are organized into a forest fire crew, the warden and the trained crew would stay on the fire until it was dead out, while those men who were not members of the fire crew would probably return to headquarters as soon as the fire was under control.

When a warden and one or more members of his trained forest fire crew are also members of the local fire company, the method of cooperation is slightly different. In this case, the warden and the company as a whole would stay on the fire either until it was completely out, or until a sufficient number of additional forest fire fighters arrived to permit sending the fire company back to headquarters.

When no representative of the forest fire service is on the fire, the fire company takes complete charge and not only makes the initial attack but mops up the fire before returning to headquarters.

Education plays an ever-increasing role, and this must necessarily be so if the number of fires is to be reduced, because after all it is people who are responsible for starting fires. All avenues of education are used to bring to the people the problem of forest fires. Our wardens and other personnel give talks and show movies at local group meetings, and particularly in the schools where the young minds can be reached. We also have exhibits at fairs, schools, and group meetings. Likewise our personnel appear from time to time on the radio. All but the last are time-consuming. Radio reaches an untold number quickly.

It is hard to evaluate the results achieved by talks, movies, etc. Who can say that one message, either oral or visual, gets the story across. If the theme can be repeated over and over, the lesson can be taught. We are teaching that lesson every spring; teaching it in a way that is of help to the landowner; we are rendering him a service.

Through cooperative arrangements with commercial radio stations, we have given to the people, every day of the spring fire season, a story about the weather; we have told them when they could burn, when they could not; we have hammered on the idea of getting permits from their local wardens before they burn; and we have told them what kind of fire weather to expect. Nobody can prove that these radio messages accomplished a thing, but look at the results in the record of number of fires.

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In 1949, 27 stations broadcast 5000 messages. The fire record was 48 per cent of the average number of fires for fifteen years, yet 1949 was a bad year with a record drought in the summer and fall. Normally we have 23 per cent of our fires after May; last year we had double that number, 47 per cent.

In 1950, 27 stations broadcast 103 messages per day from March 15 through May 29, a total of over 7500 fire danger announcements. As of now the number of fires reported is only 106 more than last year at this time, yet this year was an extremely bad year. The average number of fires for fifteen years at the end of May is 978. This year we had 42 per cent of that number. The average area per fire for 1948 was the lowest on record, with 1949 almost as good.

We think that it pays to have friendly relationships at the level where burning occurs, and to render a service to the people. Likewise we are not forgetting the invaluable service rendered us by the radio stations in their generous allotment of time to this cause. Nothing but human relationships again.

Rumor has it that at least one adjoining state is using our radio broadcasts to the Connecticut people as a basis upon which to govern its issuance of permits. We feel complimented that our neighbor has such confidence in our predictions. For their information we are 80 per cent correct in our predictions insofar as the class of day is concerned.

Undoubtedly many of you will wonder how it is possible to secure the quick and hearty cooperation of the various districts. Human nature being what it is, this is a natural result of our method of payment. All payments being at a State level, no town, district or other division of the State hesitates to call for help either locally or from a distance, since the town will not have to foot the bill. The result is that when a fire breaks out, the problem is to get the fire out, not who is going to pay for it. Also, since the small community knows that in case of a forest fire it will receive as much help as it needs from other communities, and from the state power equipment and trained operators, it does not hesitate to help out other communities. It is as if everyone were trying to lick a common problem by united effort.

In cities having paid fire departments and whose boundaries are co-terminous with the town boundaries, the State Forest Fire Warden appoints a District Forest Fire Warden only upon the written request of the mayor of such city, and for such portions as may be designated by the mayor. Four such cities have requested assistance from the State.

Mutual aid from the State to the cities or towns may be summarized thus:

Insofar as fire suppression forces are concerned—

There is a direct line of authority for every unit into which the State has been divided, thus assuring responsibility.

The head of each division of the State selects his own subordinates, thus establishing cooperation.

The appointment of wardens and deputy wardens is non-political.

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The State provides equipment and trains fire fighters at the local level, thus providing every community with protection.

The State maintains power equipment and trained personnel available at call to any community.

Insofar as cooperation with volunteer fire departments is concerned—

Forest fire equipment is not primarily suited for building fires; neither is fire company equipment suited for forest fires.

A fire company, because of its alarm systems, and its ever-ready truck, often furnishes the initial suppression force on forest fires.

Suppression activities may vary from having the entire fire company trained and operated as a forest fire crew, to no training whatsoever.

Insofar as education is concerned—

The State gives to the people a radio service which tells them forest fire conditions, warns them of dangerous periods, and asks their cooperation.

The radio broadcasts help make people forest fire conscious.

The radio broadcasts establish in the minds of the people a relationship between forest fires and weather.

Insofar as payment on a State level is concerned—

The assurance that a town treasury is not going to be hard hit or depleted by paying for forest fire fighting forces or equipment, results in ready cooperation between adjoining towns and areas, and even between distant towns and areas. Insofar as certain cities are concerned—

Four cities have availed themselves of the provisions of the law whereby the State will handle forest fire matters. The city feels more secure in knowing that a trained organization is available to fight forest fires on the fringes of the city while the paid companies fight the building fires.

All of these show that if human relationships are handled with consideration, cooperation can be secured readily at the level where forest fires start, particularly when the State does not attempt to dictate but approaches the problem of forest fires with the idea of service to each and every community impartially.

CHAIRMAN KENNEY: I think that you will all agree that our sister State of Connecticut has taken the leadership in supplying mutual aid, and the statistics which Mr. Schreeder gave you of the gradual reduction in the number of outdoor fires in that reasonably heavily populated State of Connecticut indicate that it does pay off in the way of dividends. And of course, that is the objective which we all have, to prevent fires. If they must occur, then we want methods of handling them. Certainly, our major objective is to prevent fires, and I must admit that they are doing it in Connecticut.

Incidentally, I will say, now, that the meeting will be open to questions, but I think that it is just as well if we hear from all of the speakers first.

Now, whenever there is a discussion of forest fires, and this will happen for years to come, no doubt, the conversation turns back to 1947. Of course, every man in this room remembers that week in October, October 19th to 26th or thereabouts, which

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was a treacherous one for most of New England. We had our troubles in Massachusetts, and I shall never forget a telephone call that I received from the State of Connecticut, offering its help at a time when we sorely needed help, and they came over into Southern Worcester County and probably saved one community there. So that it is possible that the system which Mr. Schreeder has referred to made it possible for them to be available to come in to Massachusetts on that fearful day of October 23rd, 1947.

Sometimes we are confronted with the situation, as we were in 1947, when the Boston newspapers carried the headlines that the City of Rochester, New Hampshire was ordered evacuated. Fortunately, that was an overstatement, and, despite what the retiring Chief has said, it took a superhuman effort to save that city from being evacuated. But, usually, when the danger is over, some one will conclude that, well, it won't happen again for fifty or a hundred years. They said it after the 1938 hurricane, but in 1944, we had one of equal severity.

So that fortunately, this time, something was done. In November of 1947, the New England Governors met in their quarterly meeting, I believe it was, in Boston, and their principal subject was the forest fire hazard in New England. They rightly concluded that something must be done, so that the States here in New England would not again be subject to such a hazard.

They had available, already, in machinery form, speaking legislatively, a method by which they could do something; they had the law covering the interstate compact, so the machinery was set into action for the adoption, in each of the New England States and the State of New York, of the interstate compacts, which would make it possible to have real, mutual aid in New England. Hence, the notation on your program, "Mutual Aid—New England Style" because here in New England is the only place in the United States where the States have banded together under an interstate compact with the approval of the Congress of the United States, and where a Northeastern Forest Fire Protection Commission has been set up to organize for, let us repeat, mutual aid, in New England style.

It has taken time to get under way, but it is under way at the present time and should be of tremendous importance in the future.

I am not going to trespass upon the time of the next speaker, because, again, it gives me the privilege of introducing to you an old friend, the Chairman of the Northeastern Forest Fire Protection Commission, Mr. Perry H. Merrill, of Montpelier, Vermont. (Applause.)

MR. PERRY H. MERRILL: Mr. Kenney, members of the New England Association of Fire Chiefs, and Guests. I believe we all remember only too well that dry summer of 1947, followed by those weeks without rain in October, with high winds, and little fires starting up here and there, and in some cases with not the organization and cooperation there should be among all agencies to suppress the little fires; they had to go home and milk, in some cases, and then came out the next day and yet the next day was too late.

We look back upon that time, and wonder why we had not prepared for it.

As Mr. Kenney said, the Governors of New England threw down the gauntlet to us to do something better in the future.

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Then, some meetings of the State Foresters and the men directly in charge of fire work in their respective states were held. We have always called into this picture the State of New York. Then under the aegis of the Northeastern Forest Fire Protection Commission, we had much discussion during 1948 and part of 1949. We found that the primary objective was to assure any State facing a threat of forest fires that they could be aided by the forces of the fire fighting crews of an adjoining State.

Essentially, this meant that in the terms of equipment and manpower, that it should be proper equipment and manpower that had been trained and ready to go at a minute's notice.

However, we ran across many difficulties, in order to put this into effect. There are difficulties in relation to the powers and the communities, and the rights, and the liabilities of the forces that are aiding the adjoining States. So that something had to be worked out from a legal standpoint in order that we could do these things.

For instance, if New Hampshire should send over into Massachusetts a crew to fight a fire, and the men got hurt, who was going to pay the bill? Who was going to take care of their families, if they were killed? Or, who would pay the damages to the equipment? There were many of those questions which came up and which had to be considered in this situation.

We came to the conclusion that we needed some permanent set-up, through membership of the several States in the northeast, whereby we could aid in both trained manpower and equipment.

It was suggested that we need a Regional Forest Fire Plan. Then, it was brought up that this situation should be able to be extended beyond the bounds of the six New England States and New York.

We, in Vermont, and I think perhaps New Hampshire, and also the State of Maine, were quite interested in having the Provinces of Canada, Quebec and New Brunswick, adjacent to us, enter the compact, if they so desired and if they were willing to pass the necessary legislation.

Thus, during the year of 1949, all of the New England States, except Rhode Island, passed the compact, and it was ratified by the Congress of the United States.

Then, in January of 1950, little Rhode Island came across and joined hands with us. So that now, all of the New England States and New York are a part and parcel of this compact.

The speed with which this compact was formulated and ratified is somewhat of a record. It is a real achievement.

Now, the purposes of the compact, as expressed under the first article, are to promote effective prevention and control of forest fires in the northeast region of the United States and the adjacent areas of Canada, and the development of an integrated forces fire plan by the equipment and trained personnel, so that aid can be sent from one State to any other State that so requests it.

The compact, so set up in the States which I have mentioned, can be extended to include any of the adjoining States. For instance, Pennsylvania could come in too, or New Jersey, and so on, and it could develop right across the country, or down the seaboard. And, the possibilities are that there may be another region to the south of us that will be developed during the coming year.

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Further, there is a lot of interest in regard to this on the Pacific Coast.

The Compact sets up this Commission, made up of three members from each one of the States in the Compact. One member is the State Forester; another member is a member of the Legislature who is selected by the Committee on Interstate Cooperation, and the third member is a person designated by the Governor in whatever manner the State law places that responsibility upon the Governor.

Then, if any one of the Canadian Provinces desires to come in, it will be in whatever manner in which they function.

The Commission is given the power to study and to make recommendations to member states in regard to the problems connected with prevention or control of forest fires, and the measures, legislative and administrative, that should be taken in order to meet the problems.

One of the most important provisions is the power granted to the Commission to formulate, and, in accordance with the need, from time to time, to revise the Regional Forces Fire Plan.

The Compact provides that the United States Forces Service, with which all of the respective State Forces Services cooperate in forest fire prevention, be the primary research organization, and that they can aid in coordinating the efforts of the Commission.

The Compact obligates each State to put into effect a Forest Fire Plan of its own.

Further, under this Compact, any two of the States which are signatory thereto, may, among themselves, do anything that is legal with the Compact and ascribed for the entire Northeastern Region.

This Compact will solve those problems that I mentioned in regard to the powers, liabilities, immunities, etc.

To avoid questions of liability which might arise, with respect to voluntary forces, the Compact provides that the term "employee" shall include any volunteer or auxiliary legally included within the forest fire fighting forces of the aiding State.

The cost of maintaining this Compact will not be very great. The Compact sets up the method by which each State will contribute its share to the operation of the Compact, and that is based upon the area of forest land in each State as it bears to the total area of the forest land in the northeast.

The Maine forest fire I believe, brought to our attention very forcefully, the need of such a thing as this Compact.

One thing that can be done legally is the use of airplanes in forest fire patrols. There are many cases in our States where along the boundary lines, it is more economical for a patrol of planes to swing into one state and then back into the other, and, in that way produce economies in operation. The same thing is true in the use of fire towers.

In the past, we have cooperated quite extensively with one another.

The Compact Commission has established its headquarters at Laconia, New Hampshire, and I believe that we are very fortunate in having been able to obtain a man as Executive Secretary to check this Compact in its actions. We have obtained

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Mr. R. M. Evans, formerly the Regional Forester for the Northeast, a Yankee from way down east in the Pine Tree State, and he may be calling on some of you fire Chiefs, because the more that we work together, the more we can gain in every way. Mr. Evans is here, and I wonder if he will stand up and take a bow at this time, so that every one will see him. (Applause.)

One thing that we are doing first is to develop this Regional Forest Fire Plan so as to know where our manpower is available, and where our equipment is available, and who is going to authorize the sending of it, and so forth.

By the fall fire season, at least, we expect to be able to furnish manpower and equipment from one State to another.

I might say, as I said the other day at our meeting at Laconia, that the State of Vermont can furnish any one of its sister States with 1,000 men within a half an hour, with equipment. We have in Vermont ten National Guard companies that we have trained for several years, and they have the equipment. They not only have the fire fighting equipment commonly considered necessary, as such, but we have the radio, the telephone, the kitchen equipment, and we have the National Guard planes which are also equipped with the radio that can be sent along where needed, so that coordination can be carried out in every way.

I think that that is something that may interest you in some of the other States. This group of men is very anxious, as we find in Vermont, to assist in this type of work.

We use these men only in case of emergency in our own State, and I am sure that we will be very glad, speaking for the National Guard, to send them to your aid, if you need them, but I hope that you will never need them.

Thank you very much.

CHAIRMAN KENNEY: Thank you. I think that it is now self-evident that in New England, we have gone just about to the extreme of the opportunities to coordinate the forces which are available, in the communities, in States, and in the Northeast Region, in order that this ever-present and trying problem of forest fire control and prevention may be kept within reasonable bounds.

If there are any questions, I am sure that any of the three speakers will be glad to try to answer them for you.

Apparently, there are none. Therefore, on my own behalf, and on behalf of the three speakers, I want to thank you for your kind and courteous attention, and hope, as the previous speaker said, that this problem will not be with you this year, or any other time. (Applause.)

PRESIDENT POTTER: Thank you very much, Gentlemen. This concludes our formal program for this evening, and we will now adjourn until 9:30 a.m. tomorrow morning.

(Whereupon, the Tuesday evening session was adjourned at 10:30 o'clock in the evening, June 20, 1950.)

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Wednesday Morning, June 21, 1950

The Wednesday morning session convened at 10:00 A.M. at The Wentworth, Newcastle, New Hampshire, with President Potter presiding.

PRESIDENT POTTER: The meeting will please come to order. First, our Secretary has a telegram that he wishes to read to you.

SECRETARY O'HEARN: This is a telegram from Paul J. Larsen, Director of Civilian Mobilization, Office of the National Security Resources Board in Washington, D.C., as follows:

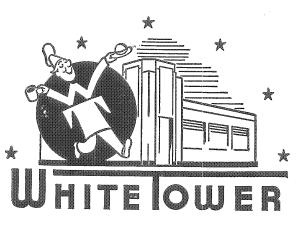
"The interest of this Conference in Civil Defense is in keeping with the splendid cooperation and assistance received by the National Security Resources Board's Civilian Mobilization Office from fire authorities and officials throughout the United States. We, who are responsible for Civil Defense planning are most grateful to the professional fire fighters, and we assure you that in the months ahead, you will be called upon by your State and municipal authorities to put all of your long experience and skill to work in the field of civil defense. There is much you can do now. However, the need is urgent for research studies and surveys of municipal facilities, so that each community will have full data at hand to plan a practical civil defense program. Fire fighting and fire prevention officials can aid their municipal authorities in planning and prevention in their own fields. I also call to your attention the problem of standardization in the fire field. Since enemy caused fires may be expected to far surpass the ability of any individual community fire department to contain them, mutual aid between communities is of paramount importance. Unless there is standardization of training, administration and equipment, mutual aid cannot be effective. If you will lend your efforts to these problems and other vital preliminary work, you will aid in establishing a sound basis for civil defense in your own community and state. Our best wishes for a successful conference."

PRESIDENT POTTER: The first speaker on our program this morning needs no introduction to most of us; he is very well known to the fire service of New England. Percy Charnock, Manager of the New England Fire Insurance Rating Association is going to speak to us on the subject, "The Relationship of the Rating Association to the Fire Service." (Applause.)

MR. PERCY C. CHARNOCK: Mr. President, Ladies' and Gentlemen. I don't know whether there is any psychology in this or not, but I am going to start off with a picture, and perhaps by the time the picture is over, the rest of you will come forward. I haven't much to say, but I want you to hear it. This picture has recently been released by the National Board of Fire Underwriters, and I think it will tie-in somewhat with what I have to say later.

(Mr. Charnock then showed the moving picture above referred to.)

I was glad to show this picture for two reasons. First, it sort of ties in with what I am going to say in a few brief words. Secondly, you will note that some of



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the scenes were taken at Hartford, Connecticut. That film was just released the first of the month, and it is available to any one who wishes it, at no cost, if they apply to the National Board for it.

The subject which I have taken to discuss with you today is the "Relationship of the Rating Association to the Fire Service." There are two reasons that I have selected that subject. First, as I have looked over the audiences of the gatherings of fire chiefs more or less recently, I find that there are many, many new faces that probably I have not previously had an opportunity to talk with about the work which the Rating Association and the National Board do. The second point is that I was reminded by one of our insurance departments here in New England that it was their belief that the Fire Chiefs and municipal officials were not familiar with the procedure of rate-making, and the function which the fire service and other factors play in the making of rates.

Now, it is true that your Fire Departments contribute a great deal in the making of rates.

In order to make fire insurance rates, we first must have some basis on which to estimate the charges of the hazard and the occupancy of any building. That basis is the study and evaluation of all of the fire protection and hazards, which are found in any city or town, and we use the National Board grading schedule, to make that determination of value of that public fire protection and the hazard.

Briefly, and much to the amazement, I think, of many of our citizens, there are many other things than the Fire Department which must be scrutinized. Many of our people seem to think that the Fire Department is the whole show. Of course, you fellows think so; I know that. But, we have got to take into consideration the water supply, the fire department, the fire alarms, the police department, building regulations, the laws in respect to hazards, structural conditions, and last, but not least, the climatic conditions.

Now, that schedule breaks this down into ten classes, the first being the best and the tenth being the poorest. We know of no first-class communities.

Those ten classes apply to properties which we know as specifically rated properties. Every such building is examined for its construction and its occupancy and its exposure.

We have another type of property known as dwelling property, in which we have only six grades of protection, A being the best and F being the poorest.

I am frequently called upon to say what a small community can do, one which has no protection whatsoever, to start in to provide protection which will be recognized to some degree. Such a place, if recognized, would be listed under the class protection, of Grade E, for dwelling grades.

For the benefit of you gentlemen, I think that many of you may have had the same question asked of you, briefly, we say there must be installed and approved an automobile pumping engine, having the capacity of at least 500 gallons per minute equipped with a water tank, carrying at least 1,000 feet of $2\frac{1}{2}$ -inch, double jacket, rubber-lined hose.

Of course, we must organize the Fire Department, and we must house the apparatus. It should be housed in a safely heated building. And let me tell you gentle-

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men that I have a very thick file of fires in fire stations, where we have lost, not only the fire station, but the apparatus, as well. I think that sometimes we might try a little education on some of our own fire departments and tell them that they can't use gasoline to clean the paint on the floor in the basement, with an open burner alongside of it, and that we can't have a gas-heated water heater on the same floor, and unprotected, as the fire apparatus. Yes, we have lost fire stations, with the men in them, and men have had to jump out of the second floor windows, because the fire department did not have safeguards right in their own homes.

Now, as to the relationship of the National Board of Fire Underwriters and our own Rating Association, in particular, in this picture, we showed you today, you saw the engineers of the National Board making an investigation. They go into the communities and make the engineering studies, in places of 25,000 population and over.

The New England Fire Insurance Rating Association here, and the New Hampshire Board of Fire Underwriters, do the same thing in this territory for the smaller communities.

I might bring to your attention some of the services which the Rating Association and the insurance companies render. First, as to the Water Department, we are called upon frequently, to make tests on the water systems; first, to advise them how to improve their supply. And again, when they are going to clean the mains, they like to have the records available as to the amount of water that is available before the cleaning, and then tests are made afterwards to show an improvement.

Whenever a new water system is being installed, the insurance companies and the rating associations are called upon to review the plan to determine if they are within reasonable standards. Those reasonable standards are in this National Board grading schedule to which I have referred.

Again, we are called upon, not too often, but somewhat frequently, to determine leaks on water systems; also as to the location of valves, which are closed and which are not readily located, without making various tests.

Again, in the Fire Department, practically every new piece of pumping apparatus is tested before it is accepted by the community.

In recent months, because of the volume of pumpers that have been delivered, we have not been able to test as many of them as we have often done, but a test is made by the delivery engineer, and the figures are certified to by the Chief of the Fire Department, and a record is presented to our Association, and, in turn, sent to the community for their official records.

We are called upon, oftentimes, to test old pumpers, usually to condemn and advise the powers-that-be that the apparatus should be replaced with new and modern equipment.

We again, very frequently, are called upon to recommend new apparatus, and equipment, additional men, due to changes and hours of service, and again, on the relocation and the construction of new fire department stations.

I could go on and on and tell you of the services which the insurance companies render and the cooperation which the municipalities, through their water departments and fire departments and fire alarm systems, give to the insurance companies.

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Bear in mind that when an inspection of any municipality is made, it is through the sufferance of the municipal officials. There is nothing obligatory on your part, as Fire Chiefs, to spend one minute with our men or any of the men of the National Board. You can tell them to go and chase themselves when they come in. But, I am going to say this, Gentlemen; I don't know of any instance when our men or those of the National Board have not been welcome to come in and go over a Fire Department and further they have been invited to come back again.

The recommendations which are made for improvements of fire protection facilities are brought about only through the experience which these engineers have had, in talking with you, and you, and you, and in getting your ideas as to what the standards should be. That is the way this grading schedule was brought about, through the experience of many men in many communities, and accepting the thoughts which you gentlemen have brought out.

Now, what should a municipality do, if they wish information as to the making of improvements in their fire protection? What should they do, if they feel that they have made sufficient improvement, whereby they should be recognized and a revision of rates promulgated?

That, gentlemen, is very, very simple, on the part of the municipality. They should file an application, either with our Association, and I think that I can speak for Mr. Hudson, whether he is in the room or not, of the Concord Board of Fire Underwriters, outlining what they believe are the improvements which they have made, or requesting that recommendations be given to the municipality for further improvements.

That application should be signed by an authorized municipal official. We ask that, so that any tests which are conducted will be under the supervision of the municipal officials, and that our Rating Association will not be held liable, in case of any damage.

It seems that apparently, there are many who are not familiar with that procedure.

I hope that we will be able to serve you, should you go back home and advise your officials to file applications.

Our staff is limited, but I will assure you that our will and our desire to help and cooperate are one hundred per cent.

Thank you very much. (Applause.)

CHAIRMAN POTTER: We will now pick up a topic that we passed over last evening, due to the limitation of time, "State Aid to Municipal Fire Departments" by W. J. Scott, O. B. E., K. C. Fire Marshal, of Ontario, Canada.

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By W. J. Scott, O.B.E., K.C., Ontario Fire Marshal

To give a background frame on which to better paint the picture of what we are trying to do to improve fire protection in the Province of Ontario, may I first give you some very brief explanations about our Province. While Ontario is only one of the ten provinces in Canada, it is one of the largest in land area, having a total size of 412,000 square miles, and it is considerably the largest in population with a total population in excess of 4,255,000 people. The Province of Ontario stretches 1,000 miles east and west, and provides the northern boundary line for eight states of the United States, extending from New York State on the east along the northern borders of Pennsylvania, Ohio, Michigan, Indiana, Illinois and Wisconsin to Minnesota on the west. In a north and south direction, Ontario runs from the Great Lakes northerly for a distance of 1,500 miles to the Arctic waters of Hudson Bay.

Situated in the heartland of the continent, in the basin of the Great Lakes, the area known as Southern Ontario is a very fertile, thickly-populated district which is highly industrialized, and is very similar indeed to the section of the U. S. lying south of the Great Lakes which includes the cities of Rochester, Buffalo, Cleveland, Detroit and Chicago. Southern Ontario contains almost half the manufacturing of all of Canada, and our Province pays about half of the nation's income and corporation taxes. The vast area of Northern Ontario not only produces great quantities of lumber and pulpwood, but its mining interests produce most of the world's nickel and many other valuable metals. For example, Canada is the world's second largest producer of gold, with the Province of Ontario producing 16% of the entire world's annual gold supply. Our Province's present production of iron ore is about two million tons annually and existing expansions will raise this to ten million tons a year, with two producing properties in our Thunder Bay and Algoma areas having iron ore resources in excess of one billion tons. Most of the cobalt produced on this continent is from Ontario and there is such unusual production as some \$17,000,000 annually of platinum metals. Finally as everyone knows Canada has much the best uranium mine on this continent and while this mine is located in the far north, the refining of the metal is done in Ontario and we also have Canada's only nuclear reactor for the study of atomic energy.

Turning to our fire departments, over 3,000,000 people and nearly two billion dollars worth of property are protected by municipal fire departments in the Province of Ontario. As at the end of 1948, we had 423 municipal fire departments which were manned by 2,916 full-time professional fire fighters and 6,271 volunteers, at a total annual operating cost of \$9,869,951. Our municipal fire departments have a total of 525 pumpers, 39 aerials, 86 ladder trucks, 132 hose trucks, 178 miscellaneous pieces of fire apparatus and 130 trailer and portable pumps. Full details of the whole scheme of fire protection and the local organizations are given in the 150-page book just published entitled "Municipal Fire Departments in Ontario" of which I am filing a copy with your secretary.

Our program of state aid to municipal fire departments was instituted under a new part of our Fire Departments Act which was enacted by the Ontario Legislature in 1949. We have now had a full year of operation under this statute and I am in a

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BERYL DAVID GORIN, HARRY N. GORIN, FRANK LEEDER position to tell you some of the things that have been accomplished. The magnitude of the money involved can be seen from the fact that during the fiscal year which has just been passed I mailed out to our 423 municipal fire departments cheques for the Province's contribution towards municipal fire department costs totalling \$1,374,680.82.

For over 25 years the Province of Ontario has had a statute called The Fire Departments Act which governs the hours of labour and working conditions of municipal fire departments. Some six years ago this statute was transferred to the administration of the Fire Marshal's Office, and shortly after that it was expanded to provide for collective bargaining between the fire fighters and the municipal councils, and where this did not result in amicable agreement then there is provision for compulsory arbitration. In this, the decision of the arbitrators is binding on both parties for at least a year and afterwards until replaced by a new agreement or arbitration award. It may be a matter of some interest that the officers of the International Association of Fire Fighters state that this is the most advanced labour legislation for fire fighters which has been enacted any place in the world.

One of the reasons for enacting the new state aid to municipal fire departments in 1949 was to help the municipalities in the substantially increased costs which resulted from the collective bargaining and arbitration provisions in this statute. Since this was first passed we have had a general increase in the salary scales of just over 50%, an increase in the number of firemen by nearly 50%, and a reduction in the working hours until now 97% of our firemen are on a 56-hour 5-day week or less. Again for the benefit of your members, I am filing with your secretary a copy of our Fire Departments Act where the collective bargaining provisions are set forth in Part I.

Before giving a more detailed explanation of Part II of The Fire Departments Act, maybe I should explain one major way in which our municipal fire departments differ from those in many parts of the United States. What we call "volunteer" fire departments are rather in the class of what you call "part-paid" fire departments in that the members do personally receive rather nominal payments of from a dollar or so an hour when answering fire calls up to an annual payment as high as \$150 to \$200 a year, all paid out of the municipal treasury. In addition, almost invariably our fire apparatus and equipment are all purchased out of the general tax funds by the municipality, and the fire halls are also erected and maintained by the municipality. We have almost no instances of the very common situation in the United States where the fire departments are truly volunteer and that the members not only receive no payment whatsoever but indeed go out and raise by public donation the money necessary for the purchase of their apparatus and halls and their yearly operations.

Part II of The Fire Departments Act is the part which deals with the state aid to the support of municipal fire departments. The fire departments are defined as ones organized under the provisions of The Municipal Act, which means authorized by a by-law passed by the local municipality, and which is equipped with one or more motorized fire pumpers. Unless the fire department has a motorized fire pumper of some kind, it is not eligible to receive any grant whatsoever. For all new purchases of pumpers the standards are laid down that villages up to 750 population must have a pumper with a capacity of at least 175 U. S. gallons per minute at 120 pounds pressure, municipalities of from 750 to 10,000 population must purchase pumpers at least 500 U. S. gpm capacity, and municipalities above 10,000 population must have at

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least one pumper of 720 U. S. gpm. All pumpers must have water tanks with those for rural use being 350-700 gal. size. Further, all pumpers must meet the usual Underwriters' 12-hour and 3-hour acceptance and delivery tests.

There are three other conditions precedent to the payment of any grant, one of the most important being that every full-time or volunteer fire fighter must be protected under the Ontario Workmen's Compensation Act or equivalent casualty insurance. Our Workmen's Compensation Board, at a rate of \$4.50 per man per year, gives unlimited medical and hospital expenditures for any injury or illness caused by service, plus salary compensation for the balance of the fire fighters' life up to 75% of a maximum salary of \$3,000 and after his death to his widow or dependents.

Secondly, to get any grant whatsoever, any municipality which employs one or more full-time fire fighters must have a municipal pension plan which is subject to government approval and which in most cases provides for a maximum pension based on years of service up to \$1200 per year and retirement at 60 or 65, paid for by contributions approximating 5% from each of the municipality and the fire fighter. Today we have more than three times as many municipal pension plans for fire fighters as we had a year and a half ago. There are some variations and there will be future developments, particularly as the 1950 Legislature passed an amendment making pension agreements the subject of the collective bargaining and arbitration proceedings. In most of the new plans just being started now, there is also provision for back-service credits with the municipality paying in a sufficient amount to provide back-service credits of an additional 15.00 per year pension for each year of past service.

Finally, the municipality must not be in default of any of the provisions of Part I of the Act with respect to the hours of labour and working conditions and collective bargaining for the members of the fire department.

When all these conditions have been met, the municipal fire department qualifies for grants under a graded scale in which to get municipalities started first there is a special grant of 10% towards the purchase price of the first fire pumper which meets the standards mentioned earlier. This special grant is given to the newly-organized fire department and it also applies to the fire department that has some old and small-size pump when they do decide to first buy a new and modern piece of fire apparatus. Under this provision for new pumpers, in 1949 we paid out grants to 38 municipalities for a total amount of \$31,589.42, with about half being for municipalities which organized a fire department for the first time and the balance for those who took advantage of this bonus to buy more adequate equipment.

The general grants towards the capital and operating costs of municipal fire departments include all normal and usual costs of municipal fire departments with only two exceptions. One of these is waterworks which are aided by grants or government loans by another branch of the Ontario Government, nor do the grants go to the capital costs for the erection of fire halls where there are a number of technical difficulties of including these within a figure that could be easily ascertainable for grant purposes. Not only are all normal operating costs included, but the grants are payable on capital costs of the purchase of new apparatus, fire equipment, the installation of fire alarm systems, the purchase of short-wave radio systems, etc.

Our Government is a strong believer of association of fire chiefs and fire fighters, and the members of your Association will be interested to know that in our Province

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the provincial government pays a proportion of the annual membership of all fire chiefs and others in their own associations and also in the International Association of Fire Chiefs. Further, the Province pays its proportion, which is as high as 25% for all municipalities of less than 10,000 population of the cost of the fire chief attending the annual convention of his district association, the national organizations and also the International Association of Fire Chiefs. It is not only the monetary assistance which is important, but we find that the fact that membership in fire chiefs' organizations is officially recognized by a provincial law is a very major factor in municipal councils approving of fire officers joining these organizations and going to the annual meetings.

Because the smaller municipalities pay a proportionately higher price for fire protection, our grants are on a sliding scale based upon population. Municipalities having less than 10,000 population get a grant of 25% of their annual fire department costs. For municipalities from 10,000 to 25,000 the grant is 20% of the annual costs, and for 25,000 to 70,000 the grant is 15%. For the six municipalities of over 70,000 population, the grant is 10%, with the highest individual grant being the \$309,609.10 paid to the City of Toronto which is the capital city of the Province. The total of all these payments towards annual fire department costs, not including the new pumper grants listed previously, amounted last year to \$1,343,091.40. For 1950, to cover the grants payable this present year under the claim forms which will go out to the municipalities within a matter or two or three weeks now, the Legislature recently voted a total of \$1,600,000.

There is another phase to The Fire Departments Act which I have not mentioned vet, and that is the state fire training plans which is to be an extension of the field training and district schools which we have been carrying on for many years. This is to include the establishment of a central Fire College for which I anticipate the contracts for the erection will be formerly signed by the time I get back home to Toronto. I have with me the architect's sketches for the four buildings with which we expect to start and for whose erection and equipment the Legislature recently voted a total of \$548,000. Tenders are already in for our first purchases of fire apparatus under this general training program, and for many months now we have been giving very extensive training to our group of Fire Services Instructors. With the exception of one professional school teacher all the men in this training program are experienced professional fire officers, although several started as volunteer fire fighters. Most of them had wartime experiences in the Canadian Air Force Fire Services or in the Corps of Canadian Fire Fighters which served overseas with the British National Fire Service. They are headed by an officer who served for thirty years with the Toronto Fire Department, who was formerly its Chief Instructor, and during the war was head of the Royal Canadian Navy Fire Services in which he held the Naval war rank of Commander. It is not co-incidence that we have employed so many with war fire fighting experience.

The members of your Association may be interested in the type of preliminary training we have been giving to our Instructors, even though all of them came to us with at least ten years' experience and two of them are graduates of the one month Instructors' Course of the British National Fire Service College at Saltdean which handled the training for the British Fire Services during the war when it rose to the peak strength of 343,000 men and women which is the largest fire service the world

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has ever known. As our new Fire College will be the very first such institution anywhere in Canada, we have had to send our officers to the United States for advanced training. You will be particularly interested in the fact that, for the principal training which we are giving all our men, we are indebted to the U. S. Navy and to the Fifth Naval District Structural Firefighting School at Norfolk, Virginia, under Fire Marshal R. R. Cox, where we have had eight men take the full four-weeks course. I had one man out at the Oklahoma A. & M. College fire school and four men are leaving next week for a two-weeks course out there. Three men have been serving with the New York Fire Department and its Fire College during this past winter, two at the present moment are with Chief Paul Heinz in his New Haven Fire Department, two others served with the Chicago Fire Department and during next winter we expect to send more men back to Chicago and to the Detroit Fire School and also to the Los Angeles. Unquestionably when they are through, our group of Instructors will have had a very unequalled opportunity to absorb fire fighting knowledge.

While the Ontario Fire College will be primarily for the training of our own municipal fire officers, the Government has announced that a certain percentage of all classes will be reserved for fire fighters from industry and also for fire officers from the other provinces across Canada and from the United States. Depending upon how rapidly the buildings can be constructed, it is expected that it will be some time in 1951 before the College is in operation and fully functioning. However, it is of interest to note that already we have applications for vacancies in the class as far apart as St. John's, Newfoundland, Victoria, B. C., and Norfolk, Virginia.

Unfortunately not all of this program for aiding and improving municipal fire departments is based upon a desire to ease the municipal tax burden or make more adequate the fire apparatus or more effective the fire-fighting technique of our fire departments. As was announced by the then Attorney-General when he introduced this legislation, one of the basic reasons for this state aid to municipal fire departments is the unsettled state of the world today and the necessity of making preparations against a possible attack by Russia. We have never known a modern war on this continent, and it is often difficult for us to get those who did not personally see the destruction in European or Jap cities to visualize just what war today means to the civilian population. If World War III should come, one of the first points of attack will be the great industrial production centres of Canada and the United States. For air attack on this continent, there are two possible routes, and in both of these Canada and the United States are linked together in the closest bonds of mutual interest. One is down the Atlantic Coast over Greenland, Newfoundland, the Canadian Maritime Provinces and the New England States. The other is across Alaska down to the Canadian Province of Alberta and its oil fields, and the Pacific Coast. In the press last week was the announcement that in its 1950 budget, Russia was spending twenty billion dollars in its war preparations to achieve its desire of world conquest. If Russia does attack, it will undoubtedly attack this continent first, because with our industrial production wiped out there would be nothing to prevent Russia from gobbling up the rest of the world.

In any attack by Russia, whether by conventional weapons or atomic bombs, the fire fighters of Canada and the United States are going to be in the forefront of the battle line. Fire departments do not grow overnight like mushrooms, and it takes time and money to train and equip an efficient fire service. Today while we are still at

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peace we have an opportunity to do this, and one thing always to be kept in mind is that the strengthening of our fire protection is an ordinary peacetime need which has its economic value right today, aside entirely from any war emergency necessity. Any money and time spent in better fire apparatus, better equipment, more training and additional firemen is not money wasted but is justified in what it will do to keep our fire losses from increasing. The fire services of Canada and the United States have always been an emergency service, ready and willing to do its part in any emergency that may arise. In this new atomic age into which we have been thrown, it is the responsibility of the fire chiefs and the others who are at the state or provincial level to provide the leadership to ensure that the fire services in their equipment and knowledge will always be not just willing but actually ready and able to give this continent its full fire protection in either peace or war.

PRESIDENT POTTER: Thank you, Marshal Scott.

I have just observed that one of our old stalwarts has just come into the hall. No New England Conference would be complete without him. Selden Allen of Brookline! (Applause.)

Our next topic will be "Hospital Inspection on a National Scale," and it is to be presented by Mr. James K. McElroy, Assistant Technical Secretary of the National Fire Protection Association.

MR. JAMES K. McElroy: Mr. President, Ladies and Gentlemen. It is with a great deal of humility that I discuss the matter of "Hospital Inspection on a National Scale."

I happen to live in Winchester, Mass. Chief Jim Callahan quickly put out a chimney fire in my house last winter. I have never put out a fire. But, I had sense enough, in that instance to follow my own advice to NFPA members and others, including hospital people, to know the Fire Department telephone number, and call them, without fighting the fire myself. My family had a demonstration of what to do in a fire emergency.

The question of hospital safety has been foremost in our minds for a good many months. They say that "confession is good for the soul." I have another confession to make.

The question of advance preparation for fire emergencies is one that I didn't follow very well some years ago, when I worked for fire insurance companies. Things have changed quite a bit since those days. It was only rarely that, as an insurance engineer, I contacted a fire chief for advice and assistance in connection with risks I have inspected which my company insured.

I didn't realize until I got into the War Housing Program in charge of fire safety for thousands of temporary war housing units, that Fire Chiefs have a heck of a lot on the ball. It was just ignorance on my part that I didn't "play ball" with Fire Chiefs as an insurance engineer.

As you know, the nation-wide hospital inspection program was developed after the Effingham, Illinois, hospital fire. It was my unfortunate experience to have participated in the investigation of that fire. I say "unfortunate," because, the American Hospital Association Safety Committee (for over a year preceding the disaster) had

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had my help in the preparation of standards and suggestions to hospital administrative authorities for avoiding such disasters as Effingham and Davenport, but the message did not reach the Effingham authorities.

When the Effingham disaster occurred, we went out there immediately, and, with a representative of the American Hospital Association, we met Chief Wilkins. We spent three or four days there. I want to show you rather quickly some slides of the results of the Effingham fire, and then perhaps I can give you some suggestions which will be useful in your local hospital situation.

Here is the Effingham hospital (showing slide). There is no question but that there are hundreds of hospitals of similar character in this country and in Canada. It was an ordinary, very old, brick-joisted building; it was about a 100-bed hospital. This picture was taken two months before the fire. I am sure that the average insurance inspector or fire chief or building official who may have inspected this building and noted that it was an exceedingly clean and well-kept place, would not have thought there was any too great life hazard in the property, although seventy-four lives were later to be lost.

So far as the housekeeping was concerned, it was like all hospitals. It was excellent. None of the special hazards in this hospital or in the hotels where loss of life fires have occurred in the last few years have contributed to the loss of life which followed.

Here is the building plan (showing slide), which was one fire area throughout. The only fire door was in the noncombustible boiler room out in the back, by the maintenance shop. Neither the laundry, maintenance shop or the boiler room was involved in the fire in any way.

Here are the gutted ruins (showing slide). The boiler house is in the back and the laundry is next to it. Those heavy, masonry walls were in the older section of the building. The only fire resistive section is the new elevator shaft, and a utility room in the middle of the building.

The tragedy of this situation, as in all of the recent large loss of life fires is that there was absolutely no plan for what they were going to do in a fire emergency.

Chief Wilkins had successfully fought two fires at this hospital several years before the disaster. As in the other disasters, the fact that they had actually put out fires in the building, without damage of any great extent, contributed to their overconfidence.

This picture was taken a short time after the delayed alarm (showing slide); we are reasonably sure that there were some twenty minutes of delay. This picture was taken shortly after the Fire Department arrived.

Eleven babies lost their lives in the fire, as you probably all know, but the whole building was wide open to a total loss fire from a fire of single origin within the building, and had been so for many years.

When I talk to insurance people about this fire, I try to explain to them the fact that the fire, which originated in the laundry chute spread up into the attic space and mushroomed, but fire chiefs understand such possibilities.

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This is the picture printed in LIFE Magazine, and was taken approximately twenty minutes after the Fire Department arrived (showing slide). You can see the building was well involved. I made the statement in the N.F.P.A. report on this fire, that with the delay in alarm to the Fire Department, the Effingham firemen were faced with a horrible choice. There is no question in my mind but that they would have to try to save lives first.

At Effingham I stood beside the LIFE Magazine reporter when he questioned Chief Wilkins as to whether if he had the equipment and manpower of the Chicago Fire Department, the results would have been different. However, actually, we all know that a town of 8000 would never have supported that amount of equipment, and even if they had had it, there couldn't have been any different result, if there had been delayed alarm and the fire had spread as far as it had at Effingham upon arrival.

You may have heard a good deal of conversation about the use of combustible fibreboard interior finish in the Effingham hospital. The ceilings of the corridors were finished with combustible acoustical treatment fastened on wood furring strips.

In this picture, all that is left of 9,000 square feet of combustible accoustical treatment in the corridors is in this area (indicating on slide). With the open stairways and the rapid flame spread over the surface of that type of material, you can see the results.

This is what is left (showing slide), of the combustible accoustical treatment that was glued to the metal lath and plaster ceiling of the Surgery. I show this picture, usually, to indicate how much resistance there is in ordinary plain glass and wood partitions and wood dcors. You will notice that the building is practically destroyed out beyond. Chief Wilkins and his men had to enter through the Surgery window and beat the fire back in the first floor corridor. The heat in the Surgery was not sufficient to drop the combustible accoustical fibreboard material off the ceiling.

Here is the base of the laundry chute in which the fire is certain to have originated, (showing slide). For three days the Effingham firemen and firemen from neighboring communities searched for bodies and tried to find out what caused the fire. The picture shows you what happens in a situation such as occurred at Effingham.

Here is the gutted-out building (showing slide) along the north and south corridor. You are looking down an eleven-foot corridor space without a fire barrier anywhere in it.

Now, we come to fire escapes. The Illinois law required fire escapes on the outside of the building. But, the law did not require protection of vertical openings; therefore, the fire escapes could not be used.

One of the first things that Chief Wilkins did upon arrival was to go to the fire escapes to see if they were being used. By the time he got there, the halls were full of smoke, and he found that nobody was using them. This is the fire escape near the front of the building (showing slide), where the nursery was. Nurse Riley chose to stay with the babies when she could have easily escaped by the fire escape. My published report is a little emotional, perhaps, but believe me, you can't be closely associated with tragedies like this and just fluff it off.

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They had two tubular escapes. This one is at the rear of the building (showing slide), near the Surgery. You can see the tubular escape is practically undamaged. As a matter of fact, when they went over the pile of brick, they expected to find bodies, but they did not. It is just another case of a device which could have been used, had there been any knowledge that there was a fire and provision made for the limitation of the fire spreading in the corridors of the building, so that patients and nurses could have reached the slide escape.

Forty-two of the seventy-four people who died, were on the third floor. This fire escape (showing slide) is self-explanatory.

This is the other tubular escape (showing slide). The picture was obtained from the Fox Movietone News, through the Motion Picture Association.

The ether and oxygen storage for the hospital was directly beneath the woodjoisted roof, over the base of the chute, but did not become involved until all those who did not escape were mercifully dead.

One more picture, and then I shall have a few words to say about what they might have done to prevent this tragedy. This aerial view was taken from the southeast (showing slide). You can see the conventional wood frame convent building in the lower right-hand corner.

I know that many fire chiefs in your own communities have buildings to protect similar to this one. I wish I had some slides of the Davenport disaster, which occurred not so long ago, and where many mental patients died. It was the same, general situation. Combustible construction, delayed alarm and no automatic protection.

Now, what could have been done?

So far as I am concerned, it isn't pleasant to second-guess. In my report to the N.F.P.A. on this fire, because I had plans and specifications and considerable detail about the construction of the building, I did estimate what it would cost to have limited the fire spread characteristics in the building. And, believe it or not, it would have cost less than \$9,000 to do so based on an architect's estimate to provide protection of vertical openings, smoke barriers, fire retardant coating of the accoustical treatment, etc.

We have found in all of the disasters I have reported that there was no plan for calling the fire department, or, conversely, the fire department has never been to the building to see what was needed in the way of protection equipment. Chief Wilkins and I figured that the first line of defense in the situation should have been sprinklers, throughout the building. It is true that a sprinkler at the top of the laundry chute would have saved the lives of those who died.

However, a contractor's estimate from the plans of the building of the cost of sprinkler equipment involved an expenditure of only \$25,000.

Suppose, as it so often happens, somebody says: "Well, we're going to tear the old building down and we don't want to install sprinklers." It seems to me that the least they can do is to provide some approved type of automatic fire detection protection.

The American Hospital Association feels very strongly that the time to make a life safety inspection is at night.

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On account of the cost of operation, even in the newer hospitals, they are planning so that one nurse can take care of twenty-five or thirty patients, from midnight to six o'clock in the morning. Such conditions must be compensated for in fire safe construction, adequate protection for hazards and assuring the prompt arrival of fire forces in emergencies.

I could go on and on, about the American Hospital Association and others concerned with hospital safety and their desire to assist hospital authorities in reducing the possibility of loss of life by fire.

As indicated before an amount of around \$35,000 would have assured the Chief of the Effingham Fire Department and the Administrator of the Hospital that they would at least have had the opportunity to take care of emergencies without loss of life. And that isn't much, when you consider the loss that occurred. Roy Hudenberg of the American Hospital Association is heart and soul behind the hospital inspection program. He wrote in effect in the A H A Magaziine TRUSTEE, which goes to more than 12,000 trustees of hospitals: "How can Trustees readily provide appropriations for \$16,000 for x-ray equipment and fail to pass appropriations for the elmination of fire hazards when little more than that may be required for life safety purposes?"

Let me say this, in closing. The inspection program has been progressing successfully, country-wide. A great many hospital people are paying attention to the recommendations made following inspections sponsored by the National Board of Fire Underwriters, as well as the Federation of Mutual Fire Insurance Companies. Of course, you will occasionally run into people who say that they don't think too much of it. When you run into opposition the American Hospital Association, and the NFPA have recommended our pamphlet, "Hospital Fire Safety" which contains everything that the N.F.P.A. has published in the matter of standards and fire reports which apply to hospitals.

With "Hospital Fire Safety" in your hands, I am pretty sure that you can sell fire prevention and protection to even the hardest boiled Trustee you may encounter in your local communities.

It has been a pleasure to be here to talk to you this morning. Percy Bugbee, General Manager of the N.F.P.A. and well known to you all, is in England attending a meeting with British fire officials. The last thing he told me before he left a few days ago was to be sure to express his regret that he would miss his first meeting of the New England Association of Fire Chiefs in many years and to say "hello" to all of you.

Thank you very much! (Applause.)

PRESIDENT POTTER: We have one more speaker this morning, Mr. J. Henry Brody, of the Oil Heat Institute of New England, whose subject is, "Cooperation between the Oil Heating Industry and the Fire Departments in Fire Prevention.

It is a pleasure for me to introduce to you at this time, Mr. J. Henry Brody! (Applause.)

MR. J. HENRY BRODY: Mr. President, Ladies and Gentlemen. It was just ten years ago that I had the pleasure of spending ten minutes with this group at Dixville Notch, and I made a very brief talk there. I don't think that any one remembers

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what I said. Also, I hope to make this one just as brief, now; but, I hope to leave something for you to think about.

First, I want to congratulate the Fire Departments of New England for the marvellous cooperation they have given to the oil heating industry. It is wonderful to know that just three years ago, the Secretary of our Association was selected by the Oil Heating Institute of America, to write a series of regulations governing the installation of oil heat, with the idea that they would be recommended throughout the United States as the standards, and those recommendations are those which are now in effect in Massachusetts and in many other communities throughout New England.

Many years ago, it was my pleasure to be present in Boston, at the Massachusetts Oil Association, later the Oil Heat Institute of New England. We have tried in every way possible to cooperate with the Fire Department in promulgating regulations. As a matter of fact, about ten years ago, and I mention this because those of you who are not from Massachusetts might be interested in our thinking at that time, we felt that the archaic laws or regulations governing the storage of fuel oil were not modern; nor did they apply at this time.

Just briefly, the 275-gallon tank that is the standard of installation today, got its birth as to size back in 1904, when Mr. Foster came on here and they sold an oil burner installation at the R. H. White building in Boston. They got in touch with Chief Fox of Boston, who, at that time, was inspector, and they said: "How large an oil storage tank can we install?"

He looked into the archives and found a rule, that you could store five barrels of kerosene within seven feet of an open flame, with the explanation that if all five broke at one time, they would seep into the ground. So he figured that five barrels of 55 gallons each, would be 275 gallons; and, that was the start of the 275 gallon tank.

We felt that in regulations governing the installation of oil heating equipment, the size of the tank was not as important as the regulation of the oil itself, and what might happen, should a fire occur.

Therefore, we recommended, first, that a heavier tank be insisted upon; that is, a 12-gauge, rather than a 14-gauge or 16-gauge tank, that was in common use at that time.

We recommended that instead of the weighted valves, with a little fuse over the fire where we know many service men tied them up and they are of no value, and that a thermal valve that could not be tampered with be installed in the oil line.

We recommended a low, water cut-off to be installed on all steam jobs, so that when a boiler ran dry, it would not be harmful, if the water was off.

We also felt that a thermal fuse, that would melt at 175 degrees, indicating fire. and shut off the electricity, would be a good thing.

In other words, we tried to modernize our thinking.

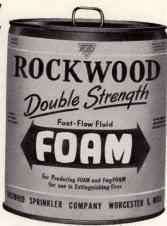
We lived under those regulations, after working with many committees. I wish that I had the time to pay tribute to all of the Chiefs who worked with us at that time, under the late Steve Garrity in Massachusetts.

We lived under those rules until three years ago, when the Massachusetts Legislature formed a Committee to revise the regulations. And here is an important thing

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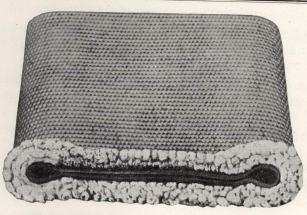


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that I should like to stress. That Committee held public hearings. However, public hearings are of little value, in my opinion, because the people who come to those hearings come in on the defensive. The best place for the men who can contribute much and whose knowledge and know-how is of value, is in the original writing of regulations that are submitted.

Reading a moment, from a report of the President of our Institute in his Annual Report, he indicated that we, as an Institute, had taken the job over of originating ideas, rather than trying to amend them after they had been promulgated. He appeared before the Massachusetts Fire Chiefs' Club, and asked that a Committee be appointed to sit in with our industry, and revise the regulations. I merely bring this out without going into the changes to show the way of origination rather than the way it had been done.

Another thing I would like to briefly tell you is that in the new regulations, there is the licensing of the service men and installers. I think that that is as superfluous as anything could possibly be, and it is merely a bothersome chore that falls upon your Fire Prevention Bureaus. All the policing that is necessary, in my opinion, can be exercised when a permit is or is not issued, as the installation meets or does not meet the requirements.

I wish that I had the time to go into that further.

Another thing we believe is that education can do more towards preventing trouble than all of the regulations and policing you can do.

The Oil Heat Institute has been running a series of schools throughout New England, and we have invited, at no charge for tuition, the Fire Inspectors of all communities which hold these schools in New England to attend, and I think that we have forty such inspectors attending our schools.

It is our intention, next week, to invite all members of the Fire Departments who can take the time, two nights a week and one night a week, to attend the schools free of charge.

It is our sincere desire that fire prevention be a real thing and a sane thing, and that it has the effect that it should have.

Working with States other than Massachusetts, I can say that in the State of Rhode Island, the Attorney-General's Office invited our Secretary to meet with Lieutenant O'Brien, the State Fire Marshall, on September 28th. As a result of some meetings, the Secretary prepared a set of regulations and submitted them to the Attorney-General's office. Public hearings were held, and we think that something will come out of all of this.

In New Hampshire, at the request of Mr. Robinson, the Institute has forwarded a proposed set of regulations patterned on those of Massachusetts.

In Maine, it is the intention of the Institute, and it has already offered its services, to the Insurance Commissioner a similar set of rules and regulations.

In Connecticut, while it is customary for the several communities to make their own rules and regulations, the Institute has offered its services to Commissioner Hickey, the State Police Marshal, who is also the Fire Marshal.

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I merely point these things out as things for you to consider, and as indications of what our Institute is doing to further the problem of fire prevention.

There are two things that I should like to offer here, and I say this in the light of the fact that our Institute is not, or rather it only embraces power burners; it has nothing to do with space heaters or kitchen range burners. However, we do suffer from fires that might be caused by both of those devices, because the newspapers report an oil burner fire, and they do not differentiate what kind of an oil burner it is.

I should like to suggest to the several State groups, and to the New England Fire Chiefs Association as an entire body, that a very determined effort be made to regulate the installation of range burners and space heaters, and the storage of kerosene that is used in those devices. I am so sincere in that, that even though I am in the oil business, and it would affect me vitally, unless a set of regulations could be promulgated that would make them completely safe, I believe that some thought should be given to, well, not outlawing, but perhaps deterring the installation of them until such time as safety can become a real thing.

There is another thing that I should like to mention, briefly, to you. Within the next year or two years, natural gas is coming in to Boston, and throughout New England, and this will cause a tremendous influx of installations of gas equipment.

For instance, in Philadelphia, Cleveland, Chicago, and Detroit, they have indicated that people will queue up to buy gas equipment, to replace several of the other heating devices. In each of those cities, fire prevention became a real thing during this tremendous influx.

And now, we have a year, or possibly two years to prepare for it. Our company should be in the gas-heating business, the way I am talking for it! But, I believe and hope that the Fire Departments will take cognizance of that problem and counsel with the cities that have met the problem in the past, and prevent things from happening, before they happen, rather than our rushing in and trying to re-investigate things after they have already happened.

If I seem forward in making those suggestions, I beg your pardon; the only excuse that I can give you is that I am vitally interested in automatic heating, in all of its ramifications. It is my pleasure now to be practically retired. I am a Past President, and I sometimes wonder if it isn't true that our organization is getting very large, when they invite their Vice-Presidents to do some work. But, when they invite their Past-Presidents to do some work, they are really getting very, very large. But, as an almost retired executive in this industry, I am vitally interested in it, and it isn't entirely selfishness that makes me make these suggestions to you.

There is one other thing that our Secretary asked me to tell you, and that is, to extend to you an invitation to visit our convention, which is now going on in Boston. We happened to pick the same days that you have here. Our convention started on Monday, and it continues through Thursday. Those of you who are in Boston, we will be very happy to have you visit our convention, at the Hotel Statler. We have over a hundred exhibits of all the automatic heating devices dealing with oil, and we will be very happy to have you come down to see us.

Thank you very much. (Applause.)

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PRESIDENT POTTER: Thank you very much, Mr. Brody.

Our Secretary, at this time, has one resolution to offer, before we adjourn. Before we hear from our Secretary, however, I want to recognize a good friend of the organization, and ask him to say a word or two. Ed Jaager, Business Manager of the International Association of Fire Chiefs. (Applause.)

Mr. ED JAAGER: Thank you, Mr. President and members of the New England Association of Fire Chiefs. I appreciate, very much, the cordial invitation of welcome I received here, as Manager of the International Association of Fire Chiefs, and, I hope, also, as just another boy from Holyoke.

I wrote an editorial in the Fire Chiefs' News Letter just this past week, expressing myself on the value of these Fire Service Conference, and in the editorial, I addressed myself to Mayors, Commissioners, and those who hold the purse-strings of the bags that contain the money that sends you fellows to these conferences.

I wish that the Commissioners, the Mayors and the City Councilmen could attend one of these conferences. As I said in the editorial, conventions have an undeserved reputation of being junkets for a good time. But here you are, year after year, coming here to learn something about the Fire Service. There is always something new under the sun to learn. And that reminds me of the chap who came home with a terrific black eye, and his mother said to him:

"Johnny, what happened to you?"

And he said: "Oh, it's that Murphy kid."

"I thought you and Murphy were the best of friends."

"Yes, we are."

"Well, what happened, then?"

"Well, Mommy, I made a crack about the Pope."

"Johnny, didn't you know the Murphys' were Catholics?"

"Yes, but I didn't know the Pope was!" (Laughter.)

Again, thank you for the privilege of being here. It is a privilege, I assure you, in all sincerity. (Applause.)

SECRETARY O'HEARN: Mr. President, I have a motion to offer at this time.

In appreciation of the services rendered to the Association by the various persons who have presented many interesting and instructive problems for discussion, I move that we extend to them a rising vote of thanks and that the various papers be made a part of our records.

This motion was a duly seconded and was carried, unanimously.

(The audience rose and there was prolonged applause.)

PRESIDENT POTTER: If there is no further business to come before the meeting this morning, I will declare this session adjourned, until ten o'clock tomorrow morning.

(Whereupon, the Wednesday Morning Session was adjourned at 12:30 o'clock noon.)

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Wednesday Evening, June 21, 1950 Annual Banquet

After a most enjoyable dinner, President Potter, Toastmaster, called the dinner meeting to order.

TOASTMASTER POTTER: We are privileged tonight to have with us, the Honorable Guy Smart, representing His Excellency Governor Sherman Adams of New Hampshire. I am going to ask Mr. Smart to say a word or two to us. He has promised me that he won't speak for more than two minutes, and I know that that idea is quite popular! (Applause.)

Honorable Guy Smart: Mr. Toastmaster, Members of the New England Fire Chiefs' Association, Ladies' and Gentlemen. It gives me a great deal of pleasure to represent the Governor here this evening, and to tell you that the Governor was very regretful that he could not be here with you.

We are very pleased, indeed, that you saw fit to return to the Wentworth, for your Annual Conference. We, who live in this vicinity, believe that this whole seacoast area is a God-given vacation spot; under the capable management of Jim Smith and his capable know-how, this hotel makes a very perfect setting, not only for a vacation, but for a convention of this type.

It is very probable that you have a great many speakers here this evening who work in the lines with which you are connected.

Therefore, again I should like to say that I am very pleased to have been with you this evening, and hope that you enjoy the rest of your stay here in New Hampshire.

TOASTMASTER POTTER: Thank you very much, Mr. Smart. We are very glad to have you among us.

We are also honored to have a representative of another New England Governor here, Mr. Edward P. Gilgun, State Fire Marshal of the Commonwealth of Massachusetts. (Applause.)

MR. EDWARD P. GILGUN: Reverend Clergy, Mr. Toastmaster, Distinguished Guests, Ladies' and Gentlemen. After listening to all the speeches on Civil Defense yesterday, I do not know where to start, but I do believe you people who have gathered here hope I know when to stop! (Laughter.)

I am very glad to come here and extend to you the greetings of His Excellency, the Governor of Massachusetts, the Honorable Paul A. Dever! (Applause.)

I am very glad to come here and enjoy with you the festivities of this occasion of your Annual Conference, at the most beautiful spot in all of America, Wentworth-By-The-Sea. But, there is no guarantee that Wentworth-By-The-Sea will be here one year from today.

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You all know that the United States of America, and all of the European countries are now going through a period of transition. And this transition must be marked and glorified by the fact that the American people are ready, if trouble comes our way.

You all know that the most important subject in America today is Fire Prevention. It is being discussed in the Halls of Congress. It is being discussed in the White House. It is being discussed by the Office of the United States Navy by the Office of the United States Army. And, my own Governor, on January 4, 1950, dwelt on it for half an hour, in his Inaugural Address on that particular subject.

I say to you men who have gathered here tonight that you are firemen; you are the protectors of our homes. You are the protectors of our businesses, and you are the protectors of our lifelines. And I say to you, therefore, that if war comes to our country tomorrow, you would be the United States soldiers tomorrow.

You cannot do this alone, and I do not profess to know all about fire prevention, but I say this, and I urge you strongly, that you must know something about fire prevention, and I ask you to go back to your cities and towns and hamlets, and to call for volunteers and impart to them that knowledge that you have acquired, down through the centuries and down through the years.

You all know that for over 300 years, the Atlantic Ocean and the Pacific Oceans have protected our shores. But, they no longer can do that; with the atomic bomb and every other type of bomb that is known to mankind, you know what a devastating condition this country would be in, if anything like that should happen.

You also know that in the first World War, our country was not prepared. You know that when the Second World War came, our country was not prepared. And, because they were not prepared, your children and children for generations to come will pay that bill.

I suppose that I could go on and talk on this subject for a long time. But, I know of a story that I am going to tell you before I close, for I believe that it will illustrate my point better than all the words in the English language.

I want to tell you about a young man and his wife and youngster, who came from the Canadian soil, and they went out to Kansas, and they bought, out there, a tract of land. On that tract of land, they raised wheat.

One night, while standing on the veranda, the good husband said to his wife: "Let us take a stroll down through the golden wheat."

Little did they realize that their little one was following them. When they returned, the little one was gone. They hurried down through the wheat fields, and they searched until a late hour at night, and they did not find the youngster.

Early the next morning, the church bells rang and the curfew bells rang, and people came in from all over the countryside and started searching. Some one suggested: "Let's join hands together and go down through the wheat fields."

So they joined hands together and started down through the wheat fields, and on the way back, they found the little one; but, alas, it was too late; the little one was dead.

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Then later, as they all hovered around the youngster, all of a sudden, they said: "Why didn't we join hands last night?"

Let that not be said about you firemen. Let us join hands together tonight, from the rock-bound shores of Maine, to the sunkist shores of California. And if you do that, I am satisfied that the firemen of America will have one of the greatest armies in these United States!

Thank you very much (Applause.)

TOASTMASTER POTTER: Thank you, Mr. Gilgun. I am sure that we will all profit by your remarks.

I am going to deviate from all of this head-table-brass for just a moment, because there are a number of ladies' in our midst, and there was one group that worked very earnestly to provide for your comfort and for your entertainment during this Conference. We have had the good ladies seated at a table in front of the head table here, and I am going to ask them to stand as I call their names, and remain standing, so that we may give them an ovation after the last name is called.

First, I am going to call upon my good wife, Mrs. Potter; Mrs. Joseph E. Scanlon; Miss Rose McKenney; Mrs. William Dooling; Mrs. Thomas Slaman; Mrs. Anthony Molloy; Mrs. Alfred Koltonski. The next young lady, who has endeared herself to us over the years, has acquired a new name, but I am still going to call upon her, as we have know her in the past, Pat Koltonski; Mrs. George Graham. (Applause.)

Seated at that same table are some folks I think we should honor at this time, our genial hosts, Major and Mrs. Jim Smith. (Applause.)

Getting back to the head table, we have with us a guest tonight who has come from another land, geographically and politically; but still, he is one of us, Mr. William J. Scott, Fire Marshal of Toronto, Canada. He is a member of this organization, and he is one of us. Marshal Scott, will you say just a few words to the assembly? (Applause.)

MARSHAL WILLIAM J. SCOTT: Mr. President, Guests and Fellow Members. It is indeed a pleasure and a privilege to be at this meeting. I feel exceedingly at home. As I was introduced today, your President said there was just an imaginary boundary line between Canada and the United States. That is right, because our interests are the same and our people are the same. And we certainly are one, large, happy family.

Thank you very much.

TOASTMASTER POTTER: Thank you, Marshal Scott. We have quite an array at this head table, and so I am just going to call on a number of these folks to stand and be recognized.

Chief Oliver Sanborn of Portland, Maine, State Vice-President.

Chief George Graham of Bristol, Connecticut, State Vice-President.

Chief Alfred Koltonski of Rutland, Vermont, State Vice-President.

Chief Anthony Molloy of Nashua, New Hampshire.

George Cogan of Portsmouth, New Hampshire.

Father Collins, our Chaplain.

Chief Joseph Scanlon of Lynn.

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Another of our beloved Chaplains, Reverend John FitzSimmons of Belmont, Massachusetts.

Chief Tom Slaman of Wellesley, Massachusetts, one of our Vice-Presidents.

Our Sergeant-at-Arms, Bill Dooling.

And last, but not least, our Secretary, John W. O'Hearn of Watertown.

And now, to go back to this fellow on my right, Chief William Clifford, who, according to schedule, should be the next President of this organization. Bill has a little message that he wishes to give to you at this time! (Applause.)

CHIEF WILLIAM CLIFFORD: I have waited for this opportunity for five years, to get up to this microphone and tell you how much we have appreciated what you have done for us. But, I have a message and I want to give it to you. I have never had such fine treatment in my life as I did from Jim Smith. He has done a pretty good job and in the past, there has always been a little gift given to young Jimmie. We were at a loss to find out just what we would do for him this year, as we had given him the boots, the hat and the badge. But, anyway, we went downtown and found something for him, and it was handed to me in a package, so that young Jimmie Smith will come up here with his father and mother, with his hat on, it will give me a great deal of pleasure to give it to him. Here you are, young Jimmie, from the New England Association of Fire Chiefs, to you, and if your father wants to use it some night when he can't get home, all right (presenting gift to young Jimmie Smith). (Applause.)

TOASTMASTER POTTER: It has been our good fortune to obtain the services of a man for our main speaker of the evening who is very, very busy. It is very difficult for him to give us the necessary time to come here and help us in our deliberations. This man needs no introduction to us; maybe some do not know him, but for the most part, he is known the width and breadth of this land as both a police officer and as a fire prevention expert.

It gives me great pleasure to present to you Mr. Edward J. Hickey, Commissioner of the Department of State Police, and State Fire Marshal in the State of Connecticut. (Applause.)

COMMISSIONER EDWARD J. HICKEY: Mr. Toastmaster, Reverend Clergy, Distinguished Guests, Ladies' and Gentlemen. Whenever I am asked to be a speaker at a Conference, a number of thoughts enter my mind, as I view the prospect. I have always subscribed to the statement attributed to one Pat O'Malley, a witty Irishman if ever there was one, who said:

"Speeches are like babies; easy to conceive, but hard to deliver!"

I can assure you that in this instance, for a State Police Commissioner to attempt to hold the interest of the Fire Chiefs is no easy task, despite the fact that as State Fire Marshal, I know all of the Fire Chiefs here, and the Fire Marshal, of course, in my native State, I not only find them to be good listeners, but also very good talkers. So that I am really in competition here this evening, and I know very definitely that I am in competition with the State Fire Marshal from the State of Massachusetts, and I want to congratulate him for some very excellent remarks

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I also want to pay a tribute to the President of your association, not only for the fine job that he has done, in his leadership of your organization, but for the excellent job that he has been doing in the State of Connecticut, in one of the greatest towns and greatest cities that we have in the State. With respect to Chief Potter, we are always pleased and glad to counsel with you, and I want to congratulate you all in having him, not only as an outstanding member of your Association, but one of its great leaders.

There is another chap over here on my right whom I haven't seen in quite a while. I have noticed that he is in more or less of a huddle with our friend, Father Collins. They have had a sort of a whispered conversation. But, the last time I saw Billy Clifford, I am under the impression that it was in Boston, at some sort of an Evangelist meeting. There was an Evangelist up on the platform, and he was asking all the sinners to come forward, and who responded to the call? It was none other than Billy Clifford. After he had heard what the sinners had to say, he asked them to go on their knees, and down went Clifford. As he slowly made his way, apparently doing a penance of some kind, there was a young lady, also on her knees, alongside of Clifford, and somehow or another, the bottom of her skirt got tangled in the heel of her shoe, so she reached back and tried to unfasten it. Not being very successful, she looked up at Clifford, and then she said to him: "Mister, would you please lift my skirt?"

And, as quick as a flash, Billy Clifford responded:

"Oh, no, Lady, not me; it's for doing that that I'm doing this! (Laughter.)

Now, with the thought in mind that a speech should be like a woman's skirts, long enough to cover the subject, and short enough to be interesting, I want to assure you that I will be brief.

Please let me compliment your Association for this fine turn out, and in being granted the privileges of this fine hotel, with its splendid hospitality. You know, some one told me earlier in the evening that the Police Chiefs don't come here any more; the place is too peaceful for the cops! There's no night life here! That's the excuse that some of the Chiefs are offering, at least.

But the management of this hotel, your good friend, Jim Smith, said that that was not so. But, here is what happened. One of the boys from the Navy Yard, on a furlough, got drinking a bit, and he got to seeing some pink elephants, white elephants and purple tigers, that he hired a shop over town, and put up a sign which read: "Here it is; 25-cents to see the Zoo."

Two of the police officers went out sight-seeing, and they saw the sign and went in, and all they found were the four bare walls. They then threatened the mob with arrest, whereupon he brought forth the jug. One of the cops took four snifters, and paid \$250.00 for a half-interest in the place."

So why should the police hold a conference?

Well, let us not be too critical, because they are our fellow associates and workers in the public service.

All of us welcome an opportunity to meet, to plan, and discuss mutual problems, especially those that pertain to the protection of life and property.

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All of us, regardless of rank and title, are mutually interested in success, individually and collectively. Some gain success by experience along the road of hard knocks, and others through schooling and specialized training.

There are many of us who know the story of success through the school of experience. You know, I am reminded of a chap named Sam, who is a janitor of a local high school. He was an illiterate fellow, a fact which the local board deplored. Finally, one day, they told Sam that his employment could not continue because they wanted a janitor who could read and write. So then Sam got another job, with a construction company, and he worked his way up until he became President of the company. He signed his letters and his contracts with an "X"; but, the fact of the matter was that he was making more money, then, than all the members of the school board put together.

One day at the Civic Luncheon, the Chairman of the School Board, in making a few remarks, turned to Sam, the guest of honor, and said:

"Sam, you've come a long ways, and we are all proud of you; but, have you ever stopped to think of what you would be doing today if you could read and write?"

And Sam said: "Oh, sure; I'd still be the janitor of the school!" (Laughter.)

Yes, you can think of a lot of characters like Sam, in your communities. And, you know that some of your best citizens have been failures, in many respects, but rich in reserve power; they are the people you want to have supporting your organizations. They are the people you need to have, in furthering your programs. They crown their failures with success.

Never, in the history of public service, have we been confronted with the need for better leadership, where men with courage, unbound loyalty are needed for our public officers when we are duty-bound to protect the lives and properties of our citizenry.

I appreciate that all of us came here to obtain a better knowledge of the techniques employed in the other fellow's backyard, so that we can go home and put them into practice in our respective communities, so that we may profit materially and perhaps increase our own prestige.

No one doubts the ability of the average police or fire chief to meet the ordinary problems of maintaining law and order, or in squelching fires. Somehow or another, nearly all of our New England communities have successfully battled and battled the three known public enemies; disease, fire and crime.

And you know, first-hand, the struggles, particularly in your own field, without my going into details on that. But, the questions, however, that I want to ask of every public officer who is present here tonight, are these.

Are you doing anything in your community to preserve and protect it from a hidden and evil influence of this day and age?

Are you keeping fully informed about characters in your organization?



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You tell me that it is not your job? Well, I say yes, it is. You are the Chief of the force; your fighting ability to hold the front line of internal security depends upon the strength of your own force. Both of us know that the strongest part of any protective force, whether it be the police or fire force, is not limited to fine equipment, splendid uniforms or modern buildings. No, indeed! The strength of your force is measured by the character of its members.

And today, of all days, we need men of character in all ranks of public service. Character, as we know it, is acquired the hard way. There are no short-cuts to it. Character is a combination of the qualities of fairness, honesty, self-sacrifice, dignity and loyalty, all of which are developed in man through years of conscientious performance of duty, and of right living.

With these qualities predominating in the rank and file of public serving organizations, we do not fear the future. Good character bespeaks loyalty. Loyalty is not due only to the Chief, in command of an organization, but to the community that one serves.

Please do not think that I am unduly suspicious of the times and unduly critical. Most people fail to grasp the pending crisis of today. We, of all persons, in the public service, need to be alert, and ever-watchful, for those who aim to destroy our American system do it by boring from within. All government levels need to be on the alert, local, state and national.

We shall not discuss the boring from within on a national level, but we ought to see to it, each and every one of us, as citizens of our respective communities, that the boring from within shall not be started on the local or on the State level.

Some will think it trite to say that one owes loyalty to one's community; but, to all such, I would point out that we have daily evidence that too many so-called Americans have also forgotten what loyalty to their country means.

I do not mean that we sing The Star Spangled Banner unfeelingly, or that we fail to remove our hats when the Flag goes by. But, I do mean that we receive from communities in far greater proportion than we give, and that for the most part, we are so deeply and so selfishly concerned with personal gain that we pay scant attention to our civic obligations.

Let us not forget, as protectors of society, that we must constantly have as our aim to maintain our respect for authority, and to remove those from the public service who seek to lower or destroy our public.

I urge every one of you to take an active part in making it your business to see that your organization is the best in the public service. If we are to combat these hidden forces successfully, internal security must be reinforced. All of our victories and all of our civil defense planning for the future will go for naught unless we see to it that every man in the protective service is first, loyal, and then well trained.

Now, you may ask me to define what I mean by loyalty. Well, loyalty is faithfulness in any relation to trust or competence. It is fidelity to a government, an organization, a superior, an individual or a principle.

In the present crisis, all that we need, all of the good we want, is right at hand, in our communities, if we would only open our eyes and our minds to the resources made available to us.

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You know, there is an old Chinese saying that the word "crisis" is spelled with two characters. One means danger and the other means opportunity. And, no matter what the crisis or the emergency is, there is always some one to rise to the occasion, and it can be you.

If you will go back and grasp the opportunity to better serve your community, it can be you!

You know, yesterday, in the Parliament in London, at the House of Lords, a Baron rose and suggested the following prayer be offered by the presiding Chaplain. It may fit here, too, and in closing, let me read it for you:

"God, give me sympathy and common sense, and help me home with courage high. God give me calm and confidence, and, please God, a twinkle in my eye!"

Thank you very much! (Applause.)

TOASTMASTER POTTER: Thank you very much, Ed; we certainly appreciate what you have done for us here tonight.

Previously, I failed to mention two ladies who were on the Ladies' Committee, but who are not with us this evening, and I think that they should be recognized. Mrs. Andrew Palmer and Mrs. William Clifford. (Applause.)

And now, I want to ask John O'Hearn to say a few words to the group here to-night.

SECRETARY O'HEARN: Reverend Chaplains, Mr. Toastmaster, Invited Guests, and some with more or less prominence, especially the Democrats! Boy, but we're going strong tonight! How do you like our new Massachusetts Fire Marshal? (Applause.) He makes me think of Steve Garrity. Remember Steve? (More applause.)

Well, Ladies' and Gentlemen, I can truly say that I did not expect to be called upon tonight, and therefore, I think it would be only right and just and reasonable that a fellow would be given a chance to know what he is going to talk about.

I can hardly find words to express my appreciation to the fine list of speakers we have had, especially tonight, here, at the head table.

I have nothing that would be of interest right now, and I know that the time is short and there are prizes to be drawn.

I say to you, congratulations, men, for coming, and for your fine support of this ever-increasing and growing organization. I am sure that I express the appreciation of the officers when I say: "Thank you for bringing the girls along." For it's about the only time that you're straight! You're not off-balance tonight, and you ought to be congratulated.

And now, go ahead with the drawing of the prizes!

PRESIDENT POTTER: Thank you, John; that was fine. I just have one more note here, before we draw the prizes. We have thanked Major and Mrs. Smith for their hospitality, but they could not have done it alone. They have a corps of people here

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who have worked tirelessly for our benefit, during our stay here. I don't know whether Frank Kennedy is within hearing of my voice or not, but if he is, I wish he would come to the dining room, as well as Miss Conway and Miss Collier, and as many of their staff as may be available. If they are not here, I would ask you to express to them by your applause and by what you leave on the tables for them, the extent of your appreciation of their efforts in our behalf.

There was prolonged applause.

I want to express my personal appreciation for the grand turnout that we have had at this Conference. It has been a great inspiration to me. I came up the hard way. I was a little fellow, and I joined this organization many years ago. I had a great admiration and respect for all of the officers who have gone before me. And I want to pledge my continued support to the organization, as long as I am able to hold membership in the organization. (Applause.)

At this time, the drawing of the prizes took place, after which the banquet was adjourned at 9:45 o'clock when all retired to the Ball-Room for an enjoyable dancing party.

Thursday Morning Session, June 22, 1950

PRESIDENT POTTER: The meeting will please come to order, Gentlemen. First, the Secretary has a communication which I am going to ask him to read to you.

SECRETARY O'HEARN: This communication was dated June 7, 1950, and was addressed to Vice-President Bill Clifford from the Poland Spring House, Poland Spring, Maine, signed by Mr. Barry, the Assistant Manager.

Mr. William Clifford, III Anderson and Adams, Inc. Exchange Street Portland, Maine June 7, 1950

Dear Mr. Clifford:

It has come to our attention that you are the gentleman to contact in regard to the possibility of the New England Association of Fire Chiefs selecting a location for the 1951 convention.

At this time I would like to offer Poland Spring as a possible sight for your 1951 convention. We have considerable experience in handling conventions and believe that we have as good, if not better, facilities for this type of business than any other New England resort hotel.

We would be very much interested in entertaining the Fire Chiefs and sincerely hope that we will be given consideration in regard to the 1951 meeting.

I would be very happy to hear further from you regarding the period desired and all other particulars in connection with holding your convention here.

Very truly yours,

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SECRETARY O'HEARN: Bill Clifford naturally turned this letter over to me, and I have had no correspondence with them, as it is for the conference to decide, and as the subject at any time might properly come before the meeting as to the choice of place for our next annual conference, I wanted to read that to you now. That is the only communication have had in regard to the Conference, so far.

PRESIDENT POTTER: Thank you, Mr. Secretary; we will take action on that when we consider the designation of the place for holding the next conference.

We shall now hear the report of our Secretary-Treasurer.

SECRETARY O'HEARN: Mr. President and members of the Association. As usual, I have a complete report of the doings of your Board of Directors, who act during the year in your absence, and, as usual, they are quite lengthy, and may make interesting reading when you go home and get the report next winter.

Then, I have the breakdown of the Treasurer's Report in its entirety, and I should like to have that read to the Conference, and suggest that you defer further reading in order to save time, unless there is something that you think may be of interest. So that I shall proceed with the reading of the Treasurer's Report.

TREASURER'S REPORT

1950

Following the custom of past years your Secretary-Treasurer presents for your approval, a brief summary report covering membership and financial standing since our last report to closing of the books on June 1, 1950.

The Treasurer's books show in detail all receipts and expenditures during the past twelve months as testified to by the Auditing Committee, appointed by the President as per the By-Laws.

The entire financial report is not published as part of our annual report, but is available to any member who may desire further information than what is reported here. A further breakdown of receipts and expenditures is furnished the Auditors and Directors.

The total membership reported on June 1, 1949 was 1,044, of which 584 were Active members and 460 were Associate members. Since that time we have admitted to membership 127 new members. We have lost by death, 20 members and 34 members have been dropped for non-payment of dues or resigned.

The total membership on June 1, 1950 was 1117 of which 613 are Active members, and 504 are Associate members, classified by states as follows:

Maine	91	Michigan	2
New Hampshire	94	Colorado	2
Vermont	31	South Carolina	1
Massachusetts	562	Virginia	1
Rhode Island	98	Florida	3
Connecticut	$17\overline{1}$	Louisiana	1
New York	28	Texas	1
New Jersey	18	California	1
Pennsylvania	3	Maryland	1
Ohio	4	Canada	2
Indiana	2		

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The figures include our Insurance Brokers' Section of 19 members, and our Honorary list of 42 members. The number of new members admitted during the year continue to increase.

At the present time there are 55 members who owe 2 years' dues or \$6.00 each, a total of \$330.00, this is the usual report at this time. These members are really a liability as up to date, they receive more than they pay for and must be dropped from membership after this conference and final notice has been sent to them.

The dues remain exceptionally low, still we continue to show a substantial increase in our finances and membership. This despite the ever-increasing costs of doing business. In addition to our increase in finances, we have not forgotten the sick or needy

and have expended \$672.57 for these worthy purposes.

There are many fine cities and towns throughout New England that are not represented by their Fire Chief in our membership. A little missionary work on the part of our members with the "Good Neighbor" spirit would assist in extending to them the many benefits there are by promoting in an organized way our efforts in reducing the ever-increasing losses in life and property by fire.

The six New England states show a gain in membership of 73 with Maine, Connecticut and Massachusetts as leaders with a total of 55. It would appear also that there is an opportunity to increase our Insurance Brokers' Section since our work is so closely allied and as the present members are so cooperative, the work should be ex-

tended.

On June 1, 1949, the cash balance of the association was \$12,163.52.

On June 1, 1950 the cash balance was \$13,411.95. Of this amount \$1,380.50 is deposited in the Union Market National Bank checking account, Watertown, Mass., \$1,330.03 is deposited in the Watertown Savings Bank and \$6,649.42 is deposited in the Watertown Cooperative Bank.

Included in the cash balance of June 1, 1950, the Association owns Government War Bonds whose present value is \$4,052.00 with a maturity value of \$5,300.00.

These bonds are stored in the Union Market National Bank vaults.

With reference to the funds deposited in the Watertown Cooperative Bank, I present the following statement from the bank:

Mr. John W. O'Hearn, Secretary New England Association of Fire Chiefs 206 Mount Auburn Street

Watertown, Massachusetts

Dear Mr. O'Hearn:

The following is the value of the accounts in the name of the New England Association of Fire Chiefs as of today:

Paid-up shares	\$2,000.00
Matured shares	
Savings Account No. 7088	1,057.58
Serial shares No. 29198	

\$6,649.42

May 22, 1950

Very truly yours,

(Signed)

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During the past year we had some shares maturing which were immediately reinvested, which we continue to carry and earnings are applied to our savings account in the same bank.

Our holdings in the bank have increased \$1,161.74 during the past year. It is a pleasure to report to the Conference that the association continues to flourish and shows a substantial increase in earnings the past year.

The office of the association as per vote of the Conference was changed to the home of the secretary July 11, 1949 and has worked out very successfully as the secretary is able to give the work his entire attention.

The success which we enjoy can be attributed to the entire association and its' fine leaders, your officers.

I trust the entire membership will continue to promote the objectives of our association in our endeavor to reduce the ever-increasing loss of life and property in the communities we serve throughout New England.

Respectfully submitted,

JOHN W. O'HEARN, Treasurer.

BOARD OF DIRECTORS MEETINGS

December 14, 1949

The first meeting of all officers from June 1949 to June 1950, was held on the above date at the Hotel Statler, Boston, Mass.

The meeting was called to order in Parlor 13 by President Stuart M. Potter at 4:00 P.M.

In addition to the president and secretary, the following officers were present: First Vice President, William H. Clifford, 3rd, Cape Elizabeth, Maine; Second Vice President, Joseph E. Scanlon, Lynn, Mass.; Directors Oliver T. Sanborn, Portland, Maine; Anthony J. Molloy of Nashua, New Hampshire; Alfred H. Koltonski, Rutland, Vermont; Thomas H. Slaman, Wellesley, Mass.; George C. Graham, Bristol, Connecticut; Sergeant-at-Arms, William J. Dooling. The secretary reported the illness of Director A. J. Cote, Woonsocket, Rhode Island, who was unable to attend, also for same reason, our publicity director, Andrew P. Palmer could not be with us.

The secretary reported the following deaths among our membership since the Conference in June:

Benjamin F. Freeman, West Newton, Mass., joined Jan. 27, 1949; died Feb. 23, 1949.

Everett L. Stewart, Asst. Chief, Franklin, Mass., joined Feb. 25, 1946; died May 11, 1949.

Herbert P. Constantine, Chief, Bangor, Maine, joined Oct. 27, 1939; died Sept. 21, 1949.

Harold W. McCloud, Asst. Chief, Colebrook, N. H., joined March 12, 1946; died Oct. 25, 1948.

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Edward J. Hutchinson, Chief, Boothbay Harbor, Maine, joined July 1, 1926; died Nov. 6, 1949.

John P. Crowe, Ex-Chief, Westboro, Mass., joined June 21, 1927; died Nov. 6, 1949.

James T. Doyle, Ex-Chief, Ansonia, Conn., joined June 19, 1945; died Dec. 7, 1949.

Charles E. Comins, Ex-Chief, Warren, Mass., joined May 24, 1924; died Sept. 6, 1948 (First notification of death received by the secretary Dec. 8, 1949. Chief Comins was an Honorary Member.)

In connection with the passing of members, where proper or timely notice was received, floral tributes or sympathy cards were provided and newspaper notices were published in the Boston Globe.

Correspondence included letters which were read by the secretary from Otto Alletag, President, Rhode Island Chiefs Club; Mr. Arthur F. Minchin, Secretary, Maine State Safety Conference, extending vote of thanks for delegating Past President Sanborn and First Vice President Clifford to participate as our representatives in the Maine State Safety Conference at Poland Springs in September; Lt. Philip S. Harwood, Holden, Mass.; Francis O. Spaine, advising us of the illness of Deputy Harris of Meriden, Connecticut; Mrs. H. K. Whitaker, regarding her brother, the late Chief Charles Comins of Warren, Mass.; Chief Everett E. Richmond of the Chelsea Naval Hospital, regarding insurance for Fire Department members, (this letter was referred to the Legislative Committee).

Several acknowledgements from families of the sick or decreased members were received and read by the secretary.

A final report of the Exhibit Committee was read and it showed a total of thirty-eight exhibitors at the June Conference.

Total receipts from exhibitions\$	2575.00
Total expenditures	296.45
•	
Net receipts\$	2278.55

The committee was commended by the Directors for their fine work and a vote of thanks was extended to them.

The secretary reported progress on the printing of the Red Book, that it is going forward and expect to have it in the mail shortly after January first. A total of 1078 members were reported of whom but 86 had not paid dues for 1948. This was considered an excellent showing and a list of those unpaid in each state was given to the respective director.

An appeal announcement was read by the secretary entitled "Give Us This Day" urging participation in a campaign for funds for a new Children's Hospital. The secretary suggested we contribute to this worthy cause as the facilities of the hospital are available to ALL Children of New England. On Motion of Chief Graham, Bristol, Connecticut, seconded by Chief Koltonski, Rutland, Vt., it was voted to contribute \$50.00.

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Mackinaw, Illinois The following, who are all active members, were voted Honorary Membership. On Motion of Chief Graham, Seconded by Chief Clifford, Amos E. Barber, Chief Willimantic, Conn., Retired; Motion of Chief Molloy, Seconded by Chief Scanlon, Arthur W. Spring, Chief Laconia, New Hampshire, Retired, and a Past President; Motion of Chief Slaman, Seconded by Chief Koltonski, Chief John L. Keating, Newton, Mass., Retired; Motion Chief Graham, Seconded by Chief Slaman, Chief Michael W. Lawton, Middletown, Conn., Past President, Retired.

Lengthy discussions followed here as plans for the 1950 Conference must be formulated. Enthused by the favorable comments and the apparent success of the 1949 Conference all were of the opinion that we get an early start with good working committees. It was suggested that we send out a special appeal to members asking all to participate and suggest subjects for discussions to include topics that will be of interest to our smallest town or largest city.

Committee appointments were discussed and after discussion it was voted that all committees be appointed in Accordance with Section 4 of the By Laws.

On Motion of Chief Clifford it was voted that a committee of five be appointed on the Exhibit Committee. President Potter appointed the following: Chief Thomas H. Slaman, Chairman; Directors Anthony J. Molloy and A. J. Cote; Chief John A. Savage and Andrew P. Palmer.

On Motion of Chief Scanlon, it was voted to appoint a committee of three for Reservations and Registration. President Potter appointed the following: Chief Oliver T. Sanborn, Chairman; Chief William H. Clifford, 3rd and Chief Alfred H. Koltonski.

On Motion of Chief Clifford it was voted to appoint a committee of four members on Topics, Speakers and Program. President Potter appointed the following, Chief Joseph Scanlon, Chairman; Chief George C. Graham, Chief Henry G. Thomas and Chief Alfred H. Koltonski.

On Motion of the secretary it was voted that the wives of all officers serve or compose the Ladies Committee and they to appoint their own Chairman.

On Motion of Chief Clifford it was voted that the President appoint a Legislative Committee that would represent each New England State. The President appointed a committee consisting of the State Vice President of each New England State all to work together to promote any legislation in their respective states that would be beneficial to the fire service. This committee comprises Chief Sanborn, Portland, Me., Chief Anthony J. Molloy, Nashua, N. H., Chief Thomas H. Slaman, Wellesley; Chief Cote, Woonsocket, R. I., Chief George C. Graham, Bristol, Conn., and Chief Alfred H. Koltonski, Rutland, Vermont.

At 6:15 P.M., on Motion of Director Koltonski, it was voted to adjourn for dinner.

A fine dinner was served to officers, their wives and friends after which our official photographer, Lt. Carroll of Brookline, gave a fine showing of colored pictures taken during the June Conference. These pictures are available to any state clubs for showing.

Following the pictures, the meeting was resumed. A discussion followed regarding legislative matters, expense, publicity and assistance.

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On Motion of Chief Clifford it was voted that the legislative committee be limited to an expense not to exceed \$300.00 without further authority of the Board of Directors.

On Motion of Chief Clifford it was voted that the association pay telephone bills of the secretary because of increase in calls on his phone service at home.

After further discussions of items of interest to the association, it was voted on Motion of Chief Molloy, that the secretary in his first general letter to members, make a strong appeal for their choice of topics, speakers and the problems they recommend for discussion at the Conference in June.

At the close of a very fine meeting, it was voted to adjourn at 9:55 P.M.

December 15, 1949

The officers of the association together with their ladies and friends joined with the Massachusetts Fire Chiefs Club in observing their Annual Christmas Party and Ladies Day held in the Statler Hotel.

The occasion was graced by the presence of our both Chaplains who were invited guests. Every New England State was represented. A superior dinner, excellent entertainment, and a valuable gift for every lady attending highlighted the party.

In all, it was a grand affair where everyone enjoyed the Christmas Spirit as expressed together with the usual fellowship of a New England Firemen's gathering.

JOHN W. O'HEARN, Secretary.

March 14, 1950.

The second meeting of the Directors was held on the above date at The Parker House, Boston.

The meeting was called to order at 4:15 P.M. by President Potter with the following Directors and Committee members in attendance: Chiefs Clifford, Sanborn, Scanlon, Molloy, Koltonski, Slaman, Cote, Graham, Chief Henry Thomas of Hartford, Conn., Program Committee; Chief John A. Savage of Valley Falls, R. I., Exhibit Committee; and Andrew P. Palmer, Exhibits and Publicity.

The minutes of the first meeting on December 14, 1949 were read and accepted.

The secretary reported the following deaths in the Association since the last meeting:

Edgar E. Ramsdell, Lewiston, Maine, joined Sept. 9, 1929, died Dec. 15, 1949.

Edward F. Dahill, Fairhaven, Mass., former Chief, New Bedford, Mass., joined June 24, 1924, died Jan. 6, 1950.

Keating, John L., Newburyport, Mass., former Chief, Newton, Mass., joined April 16, 1943, died Jan. 19, 1950.

Fox, Charles H., Engineering Consultant, Cincinnati, Ohio, joined June 24, 1929, died Jan. 26, 1950.

Leon A. Nichols, Chief, Barrington, Rhode Island, joined June 25, 1931, died Feb. 3, 1950.

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Benjamin L. Chase, Chief, Haverhill, Mass., joined June 22, 1940, died Feb. 23, 1950.

Karl W. Brown, Milford, New Hampshire, joined March 24, 1948, died Feb. 25, 1950.

Walter J. Lindsay, Chief Textron Inc., Manchester, New Hampshire, joined May 31, 1945, died March 7, 1950.

Letters of appreciation were read from the following: Mrs. Irene Scanlon, Mrs. Mary L. Harrigan, Mrs. Thomas Burke, the family of the late Chief John Keating, Newton, Mrs. Benjamin L. Chase and Andrew P. Palmer. A letter was also received from Mr. Fred Ayer, Jr., thanking the association for our contribution of \$50.00 to the Children's Hospital Medical Center Fund.

A letter from the Maxim Motor Company regarding advertising was also read, and on motion of Director Koltonski the Secretary was voted authority to adjust the matter with the parties affected.

Report was presented by Director Sanborn, Chairman of the Registration Committee, on progress, more rooms made available, no increase in rates and agreed with Exhibit Committee to have correspondence sent out with applications for rooms or exhibit space and instructions on both matters, on the same date by both committees.

Exhibit Committee reported good progress with prospects of exhibit space being over subscribed.

Second Vice President Scanlon reported on progress of the Committee on Topics and Speakers which appeared very encouraging.

Chief Scanlon reported for Massachusetts Legislative Committee stating that they appeared before the committee on Public Safety in the interest of Reactivating Civil Defense Services. Hearing well attended by many of our members who were alerted by phone at the request of Governor Dever. It was a most enthusiastic and encouraging meeting.

Full and lengthy discussion of association affairs followed until recess was taken at 6:30 for dinner which was attended by ladies present for their meeting. The meeting reconvened at 8:00 P.M., after a good dinner with discussion continuing during the dinner.

First business after dinner was outlined of what was best for the Ladies' program of entertainment including consideration of some vaudeville or other type of entertainment not forgetting the Old Time Square Dances. Prizes and ladies' gifts from the association for those attending the conference was approved. Gifts, which were procured by the Secretary, were exhibited for the ladies and the gift chosen will be presented to all ladies registered at the Conference.

The secretary reported expenditures for the 1949 Conference Ladies' Committee including the gifts, prizes and entertainment, \$679.57. This figure does not include the cost of square dance program, \$100.00.

After discussion, it was voted, on motion of Director Molloy, seconded by Vice President Clifford, that the President preside at the annual banquet.

On Motion of Chief Sanborn it was voted that we hold our next meeting on May 10th as guests of Jim Smith at The Rockingham, Portsmouth, New Hampshire.

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On Motion of Vice President Clifford, it was voted to defer any further action on entertainment until May 10th with the exception of instructing the secretary to secure the services of Mr. Haynes to conduct the Square Dance Program.

The Ladies reported the selection of a silver bud vase as the souvenir gift for the ladies attending the conference and that Mrs. Stuart Potter, wife of President Potter would serve as Chairman of the Ladies Committee.

Voted to adjourn at 10:00 P.M.

Respectfully submitted,

JOHN W. O'HEARN, Secretary.

Portsmouth, N. H., May 10, 1950.

The third meeting of the officers and committees was held on the above date at the Rockingham Hotel, Portsmouth, N. H., upon invitation of our Conference host, Mr. James Barker Smith.

After a sumptuous lobster dinner including everything nice that went with it, including the presence of gracious Mrs. Smith and genial Jim, the meeting was called to order by First Vice President William H. Clifford, 3rd., who presided until the arrival of President Potter and Director Graham who were late in arriving due to the long distance they had to travel.

Committee members present included the ladies and Chief Savage of Valley Falls, R. I., and Andrew P. Palmer of Woonsocket, R. I., of the publicity and exhibit committee. Mrs. Joseph Scanlon of the ladies' committee and Chief Henry Thomas of the topics committee were unable to attend.

The records of the March 14 meeting were read and approved.

The secretary reported receiving information of the passing of three members since March 14th. They were Deputy Chief Chester C. Woodcock of Leicester, Mass., who joined June 21, 1938, died Jan. 31, 1949; Chief William Plumstead of Noank, Conn., who joined May 2, 1947, died April 10, 1949; and Chief Leory P. Mansfield of Wolfeboro, N. H., who joined June 25, 1946, died April 21, 1950.

Correspondence received included a fine letter from Bill Ely of Pittsfield, N. H., regarding re-activating Civil Defense Service, outlining it as a topic for Round Table and also recommended that we have as speaker on the subject, John F. O'Neil, Past National Commander of the American Legion; letter from President Potter in which he thanks Factory Insurance Association for their generous cooperation in providing copies of "Recommended Good Practice" for all members now actively engaged in the fire service; letter from Randolph Laboratories regarding Fire Hazard Index; letter from Jim Smith regarding 1951 Conference; letter from Chief Thomas expressing his inability to attend meeting; letter from Roi Woolley expressing appreciation and anticipation of forthcoming conference; letter from Governor Paul Dever of Massachusetts expressing his inability to attend our conference because of Governors' Conference at the same time and he extended us his best wishes for success.

Letter was also received announcing the retirement of our fellow member, Chief Charles Stackpole of Lowell, Mass., and was read. Good wishes was extended for the Chief and it was voted to participate in the testimonial to him in Lowell on May 16th.

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Following discussion, reports of committees were heard and all reported good progress and enthusiasm. Registration reported extremely high at this time.

On motion of Director Graham, Honorary Membership was voted to A. J. Fulton of Middletown, Connecticut; on motion of Director Sanborn, Honorary Membership was voted to John F. Eldridge of Kennebunkport, Maine.

On motion of Director Slaman, seconded by President Potter, it was voted to give the New England Division of International, necessary time for their annual meeting to follow our Memorial Exercises, Tuesday Morning, June 20th.

It was voted to invite Chief Thomas J. Wrenn of Springfield, Mass., to respond to the addresses of welcome.

Discussion on advisability of providing entertainment was considered and Mr. William F. Mullin, a member of the city government of Portsmouth, outlined a program which was acted upon favorably. Mr. Mullin being highly recommended by Jim Smith and Chief Cogan, it was voted that he provide entertainment for Monday and Tuesday Evenings in the theatre. The banquet and Mr. Haynes' Square Dance Wednesday Evening together with ladies' program which is varied and includes boat rides, appears to be ample.

Ladies reported and believe program as outlined should be pleasing to all.

After a very successful and enthusiastic meeting it was voted to adjourn at 4:50 P.M.

Respectfully submitted,

JOHN W. O'HEARN, Secretary.

Secretary O'Hearn: I have another final item on my mind in connection with the Treasurer's Report. You may have been following the figures. But, I did not give you what the final increase in earnings were, over the year; it is \$1243 dollars. Now, the President said to me, not to blow about what we are doing or what the increase is, just let us say that we made a substantial increase. But you know, sometimes I think that it is best for you to know what there is, whether you blow about it or not. It was his thought that we may have a good year this year, and a lean year next year. However, let us meet every situation as it comes.

PRESIDENT POTTER: You have heard the report of your Secretary-Treasurer. I believe that before we take action on that, we should hear the report of our Auditors. Is our Auditing Committee ready to report?

CHIEF SCANLON: As one member of the Committee, I might say that Al Koltonski has the report. I know that we have audited the books and found them to be in order. But, Al should make that report this morning.

CHIEF KOLOTONSKI: Chief Graham, Chief Scanlon and I audited the books Tuesday afternoon, and we found them in good shape, and a substantial increase of over \$1200 was noted. All of the items were there, of income and expenditures, and we report to you that the books are in excellent shape.

PRESIDENT POTTER: You have heard the report of the Auditing Committee, Gentlemen. What is your pleasure?

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CHIEF FLYNN, Salem: I move that the report of the Treasurer be accepted, and that he be commended for bringing in such a worthwhile report.

This motion was duly seconded by several of the members present and was carried.

SECRETARY O'HEARN: And now, Mr. President, I should like to know what the decision is as to the reading of the records of the Directors' meetings.

PRESIDENT POTTER: What is your pleasure, Gentlemen? Do you desire to have the lengthy reports read, or will you be satisfied to read those reports in the annual year-book?

CHIEF WELLS: I move that the reading of the minutes of the Directors' meetings be dispensed with, and that we examine those records in the printed proceedings.

This motion was duly seconded and was carried.

SECRETARY O'HEARN: Mr. President, I hold here a copy of the Annual Report in my hand; that was mailed to every member last year. I submit it for the approval of the conference, and suggest that it be accepted and made a part of the records.

CHIEF WELLS: I will so move, Mr. President.

This motion was duly seconded and was carried.

SECRETARY O'HEARN: From time to time, we have tried to get some material that we thought would be of interest to the members. No doubt you all recall that you have received a copy of this pamphlet from me (holding up pamphlet); we have passed out 750 copies of this, they went to everybody that we knew was in the service today who was a fireman, whether he was a private, a Chief or a Commissioner; everybody who has anything to do with the present-day fire departments was supposed to receive one of those. These cost us nothing, except for the mailing expense.

We have another one here, the Randolph Fire Hazard Index; some of you may have received this. I have had thirty-five of them, at no expense, which I mailed out in spot places.

It contains a list of the correct fire fighting agents; for 595 known fire hazards. To me, it looks pretty good, especially for the fellow coming along; it tells the types of fires, and what extinguishers will put them out, and again, what extinguishers could not be used on certain fires. The Directors have voted unanimously to mail that out, and, just as soon as we can get them, we are going to send them out.

PRESIDENT POTTER: Thank you, John. You can be sure that your officers have been making an earnest effort to get suitable material to you.

We are now going to pass on to Committee Reports, and at this time, I should like to hear the report of the Courtesy Committee, by Chief Stackpole.

CHIEF STACKPOLE: Mr. President and members of the Association. The New England Association of Fire Chiefs is about to close its 28th Annual Conference. It has been most successful and a happy meeting, and our people of New England may rest assured that it will be a fruitful one.

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In the form and manner of our deliberations and discussions, we have again demonstrated that this New England Association of Fire Chiefs will continue to lead the way in every battle against the loss of life and property from fire.

The Association wishes to express its grateful appreciation to His Excellency, Governor Sherman Adams, His Honor, Mayor Richard S. Magnuson of Portsmouth, Edward C. Peterson, City Manager, Chief George T. Cogan, your very capable Fire Chief, to the Town Officers and to the people of Portsmouth and Newcastle, and to our genial host, Major James Smith and his wife, to the various Committees, Chaplains, our Officers, and to Mr. T. F. Mullen for the very fine entertainment he furnished for the ladies and members.

We wish, especially, to thank the chorus of the high school, and all who contributed in any way to the success of the conference.

Our stay has been most delightful and enjoyable, because of the combined efforts and the contributions of so many.

Therefore, Mr. President, it is the recommendation of your Committee that this Association formally extend to these fine people, a most grateful thanks.

This report is respectfully submitted by the Courtesy Committee, Charles Stackpole, Chairman, Otto J. Alletag and Milo H. Jordan.

PRESIDENT POTTER: You have heard the report of the Courtesy Committee. What is your pleasure?

CHIEF FLYNN of Salem: I move that this report be accepted with thanks.

This motion was duly seconded and was carried.

PRESIDENT POTTER: Next, we are going to hear the report of the Committee on Resolutions, by Chief Henry Thomas of Hartford.

CHIEF THOMAS: Mr. President and Members of the New England Conference. The Committee on Resolutions has the honor to present to you two resolutions. Before offering these resolutions, Mr. President, I should like to refer back for a moment to the program that you had the other day on Civil Defense, because the resolutions are a sort of a climax, a sort of capping off of that round table, and the importance of that particular program, for this is something for every Fire Chief to consider, the matter of equipment, extra personnel, standardization of equipment, etc.

The Army is very definitely, and has so stated, looking to the Fire Service, and the fire-fighting personnel, and these resolutions have something to do with that particular program.

The first one is a resolution regarding the need of establishing and maintaining certain standards in connection with the disaster and Civilian Defense Program for the nation as follows:

WHEREAS, the Federal and State governments of our nation are conscious of the threats to the welfare of our arising from any attack employing devastating fire, as well as peacetime disasters, and from the experience of the New England area, as previously encountered, from fire, and

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WHEREAS, the nation's Fire Service is the first line of defense against fire in all its destructive forces, whether the fault be of enemy attack from outside or within our boundaries, and

WHEREAS, adequate Civil Defense and disaster programs from a fire protection viewpoint, require the maintenance of efficient, well-trained and equipped fire forces and their coordinated direction and operation in time of emergency, according to pre-arranged plans and programs, and

WHEREAS, such maintenance and operation are impossible because of the existing deficiency of manpower and personnel in many of our cities, towns and villages today.

THEREFORE, BE IT RESOLVED: That the New England Association of Fire Chiefs, in Annual Conference here assembled, does hereby recommend:

- 1. That steps be taken to recruit personnel for the fire service, either as auxiliaries or reserves, to be ready and trained to meet any major emergency;
- 2. That obsolete and sub-standard fire apparatus, communications and other equipment be replaced as rapidly as possible by modern, efficient facilities;
- 3. That extra reserve and auxiliary equipment, to include mobile pumping units, self-contained mobile pumping units, rescue and emergency apparatus, water carrier, squad cars and other equipment, such as hose, hand tools and protective clothing, be assembled and maintained in operating condition, for rapid mobilization;
- 4. That efforts to standardize equipment be made particularly with reference to pumpers, hose and hydrant connections, and that this plan be intensified.
- 5. That training of our fire protection and fire prevention personnel, in all ranks, be carried forward and that improved training facilities be established.
- 6. That some plan for the exemption from military service of the nation's trained fire fighters is essential and should be insured.
- 7. That facilities for fire control, to be procured by the Federal or any other department of government, for distribution to the fire services, in time of war disaster or any other major emergency, be of a requisite standard quality of workmanship and material.
- 8. That plans for most effectively coordinating the operations of the fire service with those of the armed services in time of war, be developed, and that such plans recognize the importance of the fire service, in all of such planning.

AND BE IT FURTHER RESOLVED: That copies of this resolution be promulgated and dispatched to the office of the National Security Resources Board in Washington, Civilian Defense, and to all governing bodies in the New England States, in charge of Civilian Disaster Defense, and to associations and other members for the protection of the nation.

Mr. Chairman, I move the adoption of that resolution.

PRESIDENT POTTER: Gentlemen, you have heard the resolution. What is your pleasure? It has been moved for adoption.

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The motion was duly seconded by several of the members present and was carried.

CHIEF THOMAS: The second resolution, Mr. President, is on the need of a sound replacement program to maintain the fire protection facilities of New England at peak efficiency in these days of real and threatened emergencies. It differs slightly in phrase-ology and in intent from the original, in that it is pretty well established and recognized throughout the country that while we are being called upon to prepare for any threatened emergency, which would mean war-time civilian disaster, there are many of our towns today that are not prepared for ordinary peace-time fire protection.

In other words, perhaps 50 per cent of our fire apparatus, today, throughout the nation, is of an obsolete type.

Therefore, the resolution suggested and recommended is as follows:

WHEREAS, the New England area of the United States, so essential to the nation's economic, political and spiritual existence, is again faced with possible critical emergencies arising from devastating fire, and

WHEREAS, this peril is intensified by the threat and talk of war and attack upon this area by an enemy employing weapons designed to accomplish destruction by fire on a scale heretofore unknown or undreamed of, and

WHEREAS, to meet such wartime, as well as normal peacetime emergencies, it is vital that the fire services of New England be brought to and maintained at top efficiency, and

WHEREAS, such a condition is impossible at present because approximately 50 per cent of the fire protection apparatus, equipment, communication facilities, of this area are obsolete, measured by established standards,

NOW, THEREFORE, BE IT RESOLVED: That the governing bodies of our States, municipalities and other political subdivisions take immediate steps to establish sound replacement programs for the purchase of new apparatus, equipment and essential facilities, to bring New England's fire protection forces to requisite efficiency, and

BE IT FURTHER RESOLVED: That copies of this resolution be promulgated and dispatched to the governing bodies of the area, as well as to the Governors of the States, and officials of the Federal Government responsible for the nation's civilian defense.

Mr. President, I move the adoption of that resolution.

This motion was duly seconded by many of the members present, and was carried, unanimously.

CHIEF THOMAS: That is all I have at the present time, Mr. President, except that I believe that the New England Fire Chiefs, being aware of the needs and being very cognizant of our responsibilities, have taken a very forward step in the assistance and cooperation that has been asked for from Washington. And, therefore, I think that this Association should be commended for the passage of those two resolutions. (Applause.)

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PRESIDENT POTTER: The next report will be that of the Exhibit Committee, by Chief Slaman of Wellesley.

CHIEF SLAMAN: I have only a partial report, Mr. President, because all of the expenses are not in as yet.

We had 39 exhibitors, with total anticipated receipts of \$2300.00 When all of the figures are in, a complete report will be made for the record.

Once again, I wish to thank the other members of the Exhibit Committee for their efforts. (Applause.)

EXHIBIT COMMITTEE, FINAL REPORT

The following firms were exhibitors at our 28th Annual Conference:

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R. A. Dietz Company, 86 Brookline Avenue, Boston, Mass.

Wooster Brass Company, Wooster, Ohio.

Gamewell Company, Newton Upper Falls, Mass.

Eureka Fire Hose Company, 1230 Avenue of Americans, New York 20, N. Y.

Hyde Manufacturing Company, 167 Huntington Avenue, Boston, Mass.

Davy Automatic Fire Escape Company, Colvin Station, Syracuse, N. Y.

Motorola, Inc., 90 State Street, Albany, N. Y.

O. B. Maxwell Company, Inc., 1224 Dixwell Avenue, Hamden, Conn.

Dictaphone Company, 80 Federal Street, Boston, Mass.

Fire Protection, 31 Bedford Street, Boston, Mass.

E. & J. Resuscitator, 585 Boylston Street, Boston, Mass.

Fred M. Batchelder Company, 120 Harrison Avenue, Boston, Mass.

Peter Pirsch Company, Kenosha, Wisconsin.

Gibson Wear Well Company, 164 Washington Street, Boston 8, Mass.

M. Linsky & Bros. Inc., 1 Washington Street, Boston, Mass.

Gorham Fire Equipment Company, 30 India Wharf, Boston, Mass.

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Total Receipts from Exhibitors \$2,525.00
Total Expenditures \$338.00

The Committee wishes to express their thanks and appreciation to the exhibitors for their fine displays and demonstrations, and for their courtesy in providing the numerous prizes given during the Conference.

CHIEF THOMAS H. SLAMAN, Chairman CHIEF A. J. COTE CHIEF JOHN SAVAGE CHIEF ANTHONY MOLLOY ANDREW P. PALMER

PRESIDENT POTTER: You have heard the report of the Exhibit Committee. What is your pleasure?

CHIEF KIMBALL: I move that this report be accepted, with thanks.

This motion was duly seconded and was carried.

PRESIDENT POTTER: Chief Koltonski, do you have your report on the Registration ready for us?

CHIEF ALFRED KOLTONSKI: I have the pleasure, again, of reporting for the Registration Committee.

On Monday, June 19th, we registered 132 active members, 71 associate members, 8 male guests, and 131 female guests, and 5 new associate members, or a total of 347.

On Tuesday, June 20th, we registered 40 active members, 42 associate members, 14 male guests, 39 female guests, 4 new active members, and 6 new associate members, or a total of 145.

On Wednesday, June 21st, we registered 36 active members, 30 associate members, 17 male guests, 44 female guests, 5 new active members and 7 new associate members, or a total of 139.

The total registration for the three days, Monday, Tuesday and Wednesday is as follows:

- 208 active members
- 143 associate members
- 39 male guests
- 214 female guests
 - 9 new active members
- 18 new associate members

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We received a total of 631 registrations, and \$631.00 for registering at the Registration Desk.

CHIEF GRAHAM: I move that this report of the Registration Committee be accepted.

This motion was duly seconded and was carried.

PRESIDENT POTTER: Are there any other committees to report at this time? If not, the next order of business is that of unfinished business.

Our Secretary tells me that he knows of no unfinished business. Are there any of the members who have any items of unfinished business that we should consider at this time?

(There was no response.)

The Secretary has received another communication which I am going to ask him to read to you.

Secretary O'Hearn: This letter is addressed to the Association, and to myself, as Secretary, from Major James Smith of The Wentworth Hotel.

June 22, 1950.

NEW ENGLAND ASSOCIATION OF FIRE CHIEFS

Wentworth-By-The-Sea Portsmouth, New Hampshire

Attention: Chief John O'Hearn, Secretary

Dear Chief O'Hearn:

This is just to tell you how much we have enjoyed having the NEW ENGLAND ASSOCIATION OF FIRE CHIEFS with us and we have already set aside the same dates for 1951; namely, June 17, 18, 19, 20 and 21.

I am happy to say that there will be ample room for any members who desire to arrive earlier than June 17th. There will be no change in rates from this year. It is my understanding that our convention rates are the most moderate of any hotel of this type in New England.

As usual, the WENTWORTH will desire to give a cocktail party for your members preceding your banquet and we also would like to place on a clambake. As you know, there is no extra charge for the banquet for those in the hotel. The meeting rooms are also gratis.

It has been a great pleasure to have your group with us. To the extent of my observation this year, everybody was able to secure accommodations at the WENT-WORTH. There was no overflow, but the ROCKINGHAM always stands ready to take any who might not be able to get in the WENTWORTH, or any who might desire something on a more limited budget.

Looking forward to the pleasure of having you with us again next year, and with kindest personal wishes to each and every member of your Association, I am

Very truly yours,

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PRESIDENT POTTER: We shall now take up the next item of business on the agenda, which is the designation of the place for holding the next convention. We have two invitations. Do you wish to act on those at the time, or refer them to the Board of Directors?

CHIEF WELLS: I don't see any reason why we can't come back here again. I would like to have it settled on the floor of this meeting, with the reservation that if anything should come up in the future that might prevent it, we can find another spot. I think it is pretty nice, here, and therefore, I move that we do select the Wentworth for next year's conference.

A MEMBER: I think that we should have some remarks on this matter. Our Secretary has read an invitation from the Poland Spring House; he hasn't read the prices, etc. I wonder if we could have information about what the Poland Spring House would offer us. I am one hundred per cent for the Wentworth, but, perhaps there are many people who might like to know what the other invitation is all about.

SECRETARY O'HEARN: I have no information as to the rates, only what the letter contained.

PRESIDENT POTTER: Are there any further questions to be made on this matter? If so, this is the place to make those remarks.

The previous motion was then duly seconded and was carried, unanimously.

PRESIDENT POTTER: You have unanimously selected the Wentworth for next year's convention. (Applause.)

The next order of business is the election of officers. I will now call for nominations for the office of President. I recognize Chief Ray Wells of Falmouth.

CHIEF WELLS: It has been customary, during the past twenty-eight years, with one exception, to elect our officers and promote them. I believe that this is a good idea, because the men who are selected as Second Vice-President, and move up to First Vice-President and then to the Presidency receive a great deal of experience and knowledge that the man who may be selected from the floor at random does not receive.

Therefore, I wish to place in nomination the name of Chief William H. Clifford, of Cape Elizabeth, Maine, for President of this Association for the coming year.

CHIEF MOLLOY of Nashua: I will second the nomination of Bill Clifford for President of this Association.

CHIEF FLYNN, Salem: I move that nominations be closed and that the Secretary cast one ballot for the election of Chief Clifford as President of this Association for the ensuing year.

This motion was duly seconded by several of the members present and was carried.

SECRETARY O'HEARN: I have cast the ballot.

PRESIDENT POTTER: The Secretary has cast one ballot expressing the unanimous vote of this body, electing Chief Clifford of Cape Elizabeth, Maine, as President for the ensuing year. Will the Sergeant-at-Arms please escort Chief Clifford to the platform?

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PRESIDENT-ELECT WILLIAM CLIFFORD: I certainly appreciate the opportunity of taking this office as President of this Association. As you know, I have been associated with the organization for sometime, and I have always enjoyed working with the fellows with whom I have worked. They have all done a fine job, and I guess I have a hard road ahead, but I can promise to keep the organization as it has been, if not better.

Also, at this time, it has been customary to give the retiring President a little token of esteem, in appreciation for the job that he has done for us. Usually, the incoming President has done this, but I feel that I should like to have a man from Stuart's own State perform this little duty, I am going to call upon Chief Henry Thomas of Hartford, to step up to the rostrum at this time.

CHIEF HENRY THOMAS: You know, while I feel a great deal of embarrassment in coming up before you here, again, however, in all humility, I feel also, that it is a great day for Stuart, because first of all Stuart, you are a retiring President, and you are also from my home State.

I have been intimately acquainted with Stuart for a long time. I know his ideas and thoughts, which are very much grass roots, very conscientious and very practical.

That he has been a very successful President and Leader, I think requires no words of mine. I think that that has been exemplified, Stuart, by the Conference that is now drawing to a close. I think your program that you have set up with your aides, your staff, your assistants, has been an excellent one. I think that you have succeeded in keeping the New England Association of Fire Chiefs where it belongs, in the front ranks.

I think Stuart, that you have done a magnificent job. And you topped it off by your very able Master of Ceremonies of last evening.

I am very happy Stuart to be here, and to be chosen on behalf of this group of men, the New England Fire Chiefs, to present to you this slight token of our appreciation. We think a lot of you, and we wish you all success in the future! (Applause.)

PRESIDENT POTTER: Gentlemen, I am really quite overwhelmed, and I am quite at a loss for words to express adequately my feelings here this morning.

It has been a great privilege and a great honor to serve this organization for a number of years as a Director, and, for the past year as your President.

Chief Thomas has outlined some of the achievements of the past year. I, as your President, acted as Moderator, and the job was done by the officers and the directors that you so wisely selected. This has not been a one-man show at all, but the job has been done through the cooperation of everybody.

I am very happy to turn this office over, now, to my successor, Bill Clifford, who I am sure, will do a fine job if he has the universal support that I had while in office.

At this time, I want to pledge my complete support to the new officers and to the organization as a whole. I have been a member for a long time, and it is my hope that I will be able to be a member for a great many more years to come.

I want to thank you, one and all. (Applause.)

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PRESIDENT-ELECT CLIFFORD: The next item on the agenda is the nomination for a First Vice-President. The chair is ready for your nominations.

CHIEF SALAMONE of Needham: I would like to nominate Chief Joseph Scanlon of Lynn, for the office of First Vice-President of this Association for the ensuing year.

CHIEF DESLAURIERS: I move that nominations be closed, and that the Secretary cast one ballot for Chief Scanlon of Lynn, for First Vice-President.

This motion was duly seconded and was carried, unanimously.

(The Sergeant-at-Arms then escorted Chief Scanlon to the rostrum.)

FIRST VICE-PRESIDENT-ELECT SCANLON: When a fellow becomes Fire Chief of his own city, that is as high as he can go. Nobody asked me to run for the office; I wanted it, and I sought it. And I wanted it because I love the fire service.

I have been working with a swell bunch of fellows for the last few years. I only have this to offer: I promise you that you never will be sorry for any of my acts in office. I love the New England Association of Fire Chiefs.

Thanks a lot for your confidence. (Applause.)

PRESIDENT-ELECT CLIFFORD: Next in order are nominations for the office of Second Vice-President.

CHIEF COTE: Mr. President, I wish to place in nomination, the name of Chief Anthony Molloy of Nashua, New Hampshire, for the office of Second Vice-President of this Association.

CHIEF KOLTONSKI: I will second that nomination.

PRESIDENT-ELECT CLIFFORD: Are there any further nominations?

A MEMBER: I move that nominations be closed, and that the Secretary cast one ballot for the election of Chief Molloy of Nashua as Second Vice-President of this Association.

This motion was duly seconded and was carried, unanimously.

PRESIDENT-ELECT CLIFFORD: The Secretary has cast the ballot, and I declare Chief Molloy of Nashua duly elected as Second Vice-President of the Association for the ensuing year.

(The Sergeant-at-Arms then escorted Chief Molloy to the rostrum.)

CHIEF MOLLOY: You have already heard a couple of speeches, but I am going to forego all of that.

I just want to express my gratitude for this opportunity to be able to serve you. It is my intention and desire to serve you faithfully. Thank you very much. (Applause.)

PRESIDENT-ELECT CLIFFORD: The next nomination is for a State Vice-President from the State of Maine.

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CHIEF HERMAN: I have been in the organization for sixteen or seventeen years, and we have never had anybody but Oliver Sanborn as our representative from Maine. I don't think that Maine wants anybody else, and I take pleasure in nominating Chief Sanborn to succeed himself as Vice-President from the State of Maine.

PRESIDENT-ELECT CLIFFORD: Are there any further nominations for this office?

CHIEF SALAMONE: I move that nominations cease, and that the Secretary cast one ballot for the election of Chief Sanborn as Vice-President from the State of Maine.

This motion was duly seconded and was carried.

(The Sergeant-at-Arms then escorted Chief Sanborn to the rostrum.)

CHIEF SANBORN: I thank you for the honor, once again, and I assure you at all times that I will work for the good of the organization. (Applause.)

PRESIDENT-ELECT CLIFFORD: Nominations are now in order for a State Vice-President from New Hampshire.

CHIEF RALPH SEAVEY: I wish to present the name of Chief Clarence Green of Concord for Vice-President from New Hampshire.

PRESIDENT-ELECT CLIFFORD: Are there any further nominations from the floor?

A MEMBER: I move that the nominations be closed, and that the Secretary cast one ballot for the election of Chief Clarence Green as Vice-President from New Hampshire.

This motion was duly seconded and was carried.

(Chief Green was escorted to the rostrum by the Sergeant-at-Arms.)

CHIEF CLARENCE GREEN: Members of the Association, I just want to take this opportunity to thank you for the honor, and I do want to tell you that I will do my utmost to serve you in the capacity and the manner that you might well expect and deserve. (Applause.)

PRESIDENT-ELECT CLIFFORD: Nominations are now in order for a Vice-President from the State of Vermont.

CHIEF FLYNN, Salem: I should like to place in nomination the name of Chief Alfred Koltonski of Rutland, Vermont.

CHIEF DOOLING: I will second that nomination.

PRESIDENT-ELECT CLIFFORD: Are there any further nominations from the floor?

A MEMBER: I move that nominations be closed, and that the Secretary cast one ballot for the election of Chief Koltonski as Vice-President from Vermont.

This motion was duly seconded and was carried, unanimously.

PRESIDENT-ELECT CLIFFORD: The Secretary has fulfilled his duties and I declare Al Koltonski duly elected as Vice-President and representative from Vermont. (Applause.)

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CHIEF ALFRED KOLTONSKI: Gentlemen, I hope that we can carry on in the same way that we have carried on, and still work for the good of the Association. (Applause.)

PRESIDENT-ELECT CLIFFORD: Nominations are now in order for the office of Vice-President from Massachusetts.

CHIEF FLYNN, Salem: Mr. President, I rise to place in nomination, the name of our present Director, Chief Slaman of Wellesley.

CHIEF MALLOY of Brookline: I wish to place in nomination the name of Chief Thomas Burke of Pittsfield.

PRESIDENT-ELECT CLIFFORD: Are there any further nominations for this office? If not, what is your pleasure as to how these men will be voted?

A MEMBER: I feel that it is only fair to the members of the Association that the voting be done by a written ballot, and I so move, and I also move that the President appoint Tellers for this election.

This motion was duly seconded and was carried.

PRESIDENT-ELECT CLIFFORD: I will appoint three tellers, Al Kimball, Allen Payson and Chief Molloy. Let me remind you that only active members are allowed to vote.

(Slips of paper were then passed out to the members present, and the voting then took place.)

PAST PRESIDENT POTTER: Mr. President and Gentlemen, while we are waiting for the tellers to make their report of this election, I would like to say a few words. You all saw Chief Thomas hand me a small package. I just want you to know what was in that package, a beautiful wrist watch, and I am going to leave it here on the table so that you may look at it. (Applause.)

A MEMBER: Mr. President, I move that we proceed with the election of the other two Vice-Presidents, while we are waiting for the report of the Tellers.

This motion was duly seconded and was carried.

PRESIDENT-ELECT CLIFFORD: Nominations are now in order for the election of a Vice-President from Rhode Island.

CHIEF GUEVIN: I wish to place in nomination the name of Chief Gus Cote of Woonsocket, R. I.

CHIEF DOOLING: I will second the nomination.

PRESIDENT-ELECT CLIFFORD: Are there any further nominations from the floor?

A MEMBER: I move that the Secretary cast one ballot for the election of Chief Cote as Vice-President from Rhode Island.

This motion was duly seconded and was carried.

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PRESIDENT-ELECT CLIFFORD: The Secretary has cast the ballot, and I declare Chief Cote duly elected as Vice-President from Rhode Island. (Applause.)

CHIEF COTE: Thank you very much, fellows, again.

PRESIDENT-ELECT CLIFFORD: Nominations are now in order for the election of Vice-President from the State of Connecticut.

CHIEF THOMAS: Connecticut is very well satisfied with its present representative to this Association, and I am very happy to present in nomination as a Director from the State of Connecticut the name of Chief George Graham of Bristol.

A MEMBER: I move that nominations be closed and that the Secretary cast one ballot for the election of Chief Graham as the Vice-President and Director from the State of Connecticut.

This motion was duly seconded and was carried, unanimously.

PRESIDENT CLIFFORD: And I declare him duly elected.

(Chief Graham was then escorted to the rostrum by the Sergeant-at-Arms.)

CHIEF GRAHAM: Thank you very much, Gentlemen. I shall endeavor to do my best for the Association. (Applause.)

PRESIDENT CLIFFORD: Let us now proceed to the election of a Secretary-Treasurer. We have left him until the last one, as he always wants to give everybody else a chance.

However, we must have a Secretary-Treasurer, so nominations are now in order for that office.

Ex-Chief Pope of Boston: May I have the honor and the privilege of nominating the greatest Trojan of them all, John W. O'Hearn of Watertown.

(Several of the members present seconded the nomination of Chief O'Hearn.)

PRESIDENT CLIFFORD: Are there any further nominations from the floor for the office of Secretary-Treasurer?

CHIEF KIMBALL: I move that nominations be closed, and that the President cast one ballot for the election of John W. O'Hearn for the office of Secretary-Treasurer of this Association.

This motion was duly seconded and was carried, unanimously.

PRESIDENT CLIFFORD: Your President has cast the ballot, electing John W. O'Hearn as our Secretary-Treasurer, and I declare him so elected.

Voices: Speech! Speech!

Secretary O'Hearn: Mr. President and members of the Association. It has become such an old story with me that I can make a speech most any time even in my sleep, on the affairs of our great association.

As you all know, I was one of the organizers, and it has always been a great pleasure for me to work for you and with you. The Lord has been good to me, and in the past year my health has improved. I believe and hope that the facts will bear me out that I have improved on the work of the Association, because of the closer

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contacts that I have with it. You are a wonderful lot of men; there is no question about that. As I have said many times, I have belonged to many fraternities, but there is none that I like any better than the Fire Chiefs.

I know that we have our differences of opinion, but they have been so infrequent, and so slight, that there is no real criticism. We have a slight feeling of unrest and uneasiness, but I think it will all come out for the best. We have one or two men in the Association, and if they would only come in here and admit that they were wrong, you would see the finest organization in the country. But, I say to you now, and continually, that we still have the finest organization in the country. We are doing good work, and you men who are still in the service are serving your communities well, and, wherever I go, they speak well of your organization.

Now, those are facts, men. I have traveled but very little during the past year, but I went down to a meeting in Rockland, Maine in March, and I saw one of the largest State meetings that I have ever attended; where they came from, I don't know, but you should have seen the enthusiasm there was present at that meeting. Many of the men were new, as I have heard from that State today, and I suppose that is true in some of the other states.

And now, the next thing I want you fellows to do is to fix the salary up.

Thank you very much! (Applause.)

PRESIDENT CLIFFORD: I believe that the Massachusetts vote for Vice-President and Director is now ready, and I am going to ask Chief Kimball for that report.

CHIEF KIMBALL: There were 95 ballots cast, and 65 ballots were for Tom Slaman of Wellesley, and 28 ballots were for Tom Burke of Pittsfield; there was one for Chief Molloy, Brookline, and one blank. (Applause.)

PRESIDENT CLIFFORD: I declare Chief Slaman of Wellesley duly elected as Vice-President and Director from Massachusetts. (Applause.)

CHIEF SLAMAN: Mr. President and Members of the Association. I want to thank you for electing me to this high office, and I will try to carry out the duties of the office to the best of my ability. (Applause.)

PRESIDENT CLIFFORD: Our Secretary informs me that before we adjourn the meeting, he has got to know what you are going to pay him.

SECRETARY O'HEARN: That is in the by-laws, you must fix the salary of the Secretary-Treasurer annually.

A MEMBER: I move that the salary of the Secretary be the same as last year.

This motion was duly seconded by several of the members present and was carried.

CHIEF WELLS: Mr. President, I have something which I believe is for the good of the order, so to speak. I am not rising in any criticism of the program of this conference.

However, I have been to these meetings for a good many years, and I know that a great many of the Fire Chiefs come from the towns, and most of us know what the

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town meetings are. We love to have a little bit to say once in a while, in these round table discussions. Therefore, I would recommend that the Directors or the Officers provide for the farmer or the country Fire Chiefs and the big boys, too, can have something that they can talk about, so as to give them something to say or to be able to ask questions about anything they might be interested in, regarding the fire service, at a designated round table discussion.

I, therefore, move that it be the consensus of this meeting that the officers provide for a discussion round table at the next conference.

This motion was duly seconded and was carried.

PRESIDENT CLIFFORD: I see a familiar face coming in; Major Jim Smith, would you step up here for a minute and say a few words to us?

MAJOR JAMES SMITH: Thanks, Bill. Gentlemen, I have just heard, with great pleasure, that you are going to be back with us again next year.

I want to say with all sincerity that while we have dozens of conventions, now, at the Wentworth, the Fire Chiefs have a spot in our hearts that is a little different than any other group.

I recall when I first came here to the Wentworth about five years ago, and the Fire Chiefs' convention was our only convention booked, with the exception of the Jewelers, and we were wondering, then, just how we could handle this enormous crowd. Somehow, that first year, we got through it, and it has been a very pleasant experience ever since then.

Our crew is so used to conventions, now, that they run along pretty normally.

I know that there is always a desire on the part of some members, to go to other hotels, and other places. We know that that is true, and therefore, we are going to make every effort to counterbalance that with added services that we can give to you, by knowing you people and by knowing what your wants and desires are, that the other hotels can't give you.

I want to say again that it is a real pleasure to have you with us.

And, further, if any of you are wandering down through Florida this winter, we would be delighted to have you stop in at the Flamingo Hotel, at Miami Beach. We took the Flamingo primarily to hold the crew together throughout the year, so as to have the same employees, year after year. You people know how important it is, in your business, to have trained employees working for you; it is just as important in our business.

And, if we can be of any service to you, individually, at any time, I hope that you won't hesitate to command us. (Applause.)

PRESIDENT CLIFFORD: It is now my pleasure to make the following appointments, as President of this Association.

For the two Chaplains, Father Collins and the Reverend John FitzSimmons.

For Press Representative, some of you fellows don't know him but you will see him in a minute, Andy Palmer.

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And last, but not least, I am going to ask Bill Dooling to act as Sergeant-at-Arms. Is there any further business to come before the meeting, now?

CHIEF KIMBALL: Mr. President, there has been quite a lot of talk among the members, because the boys in the cities and towns who have charge of the purse strings seem to refrain from appropriating money enough for a lot of us to go to the International Convention. And I would like to offer the suggestion that the officers give some consideration to extending our New England conference one more day, so as to have plenty of time for round table discussions.

Secretary O'Hearn: I think that Chief Kimball must have overheard our conversation here on the platform. I think it is quite true that the boys are not getting very much money for out-of-state travel; I know that is so in Massachusetts; they must have a special appropriation for out-of-state travel. However, if it is within the State, you can take it from your regular budget. Yet, I know one fellow who got \$150.00 for out-of-state travel and he can't go to California on that, so he wished that our convention would last a week with well chosen topics for discussion. I think that the members would like to spend a little more time away, and really have a reason for spending the money given to them for a well planned educational program.

Then, too, others have said that our programs are becoming too crowded, and that we are getting into the night programs again, giving very little time for needed recreation.

And, as to the exhibitors, you know, in the original Constitution and by-laws, there was one entire day provided for them, when we really had some fine demonstrations of extinguishing fire that we don't have time for any more.

I think that it might be well for you men out there to express yourselves as to how you would like to have the Directors act. Jim Smith has allowed us a whole week, on next year's dates, at my request; we asked him to do that in order to have the dates.

CHIEF KIMBALL: Mr. President, I move that the 1951 convention be of four days' duration.

This motion was duly seconded by several of the members present and was carried, unanimously.

CHIEF KIMBALL: I believe that some of us have been informed that one of our good friends and members has recently retired as Chief of the Lowell Fire Department, Charles Stackpole.

Therefore, I would move that he be placed on the rolls of this organization as an honorary member.

This motion was duly seconded and was carried.

Secretary O'Hearn: Mr. President, I want to speak about a membership in Massachusetts, that of Robert E. Chase. Within a year, he has been made Ex-Chief of Cheshire, Massachusetts. That is a very fine, small town. This man has been a call Chief for a number of years He wrote me this year and paid his dues, before the conference, and said that owing to his infirmities, and his age, that he had to retire of his own free-will, and with his dues, he sent in the name of his successor.

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It seems that this man has been a carpenter; he was a builder and works at his trade, even today. But, he doesn't feel as though he could continue to be as active as he was.

I think that the nicest thing we could do would be to put him on the honorary rolls. Therefore, I move that Ex-Chief Chase of Cheshire be made an honorary member of the Association.

This motion was duly seconded and was carried, unanimously.

CHIEF DOOLING: I should like to recommend, also, that Ex-Chief Thomas Qualey of Medford, be made an honorary member of the Association. He has been retired for several years, but he still comes to the conference, and he is still paying his dues. I think that he should be made an honorary member, and I so move.

This motion was duly seconded and was carried, unanimously.

PRESIDENT CLIFFORD: Is there anything further to come before this meeting.

CHIEF KIMBALL: I move that we adjourn.

This motion was duly seconded and was carried.

(Whereupon, the 28th Annual Conference was adjourned at 11:50 o'clock in the forenoon.)

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COMINS, CHARLES E., Ex-Chief, Warren, Mass., joined May 24, 1924; died Sept. 6, 1948.

FREEMAN, BENJAMIN F., West Newton, Mass., joined Jan. 27, 1949; died Feb. 23, 1949.

STEWART, EVERETT L., Asst. Chief, Franklin, Mass., joined Feb. 25, 1946; died May 11, 1949.

CONSTANTINE, HERBERT P., Chief, Bangor, Maine, joined Oct. 27, 1939; died Sept. 21, 1949.

McCLOUD, HAROLD W., Asst. Chief, Colebrook, N. H., joined March 12, 1946; died Oct. 25, 1948.

HUTCHINSON, EDWARD J., Chief, Boothbay Harbor, Maine, joined July 1, 1926; died Nov. 6, 1949.

CROWE, JOHN P., Ex-Chief, Westboro, Mass., joined June 21, 1927; died Nov. 6, 1949.

DOYLE, JAMES T., Ex-Chief, Ansonia, Conn., joined June 19, 1945; died Dec. 7, 1949.

RAMSDELL, EDGAR E., Lewiston, Maine, joined Sept. 9, 1929; died Dec. 15, 1949.

DAHILL, EDWARD F., Fairhaven, Mass., former Chief New Bedford, Mass., joined June 24, 1924; died Jan. 6, 1950.

KEATING, JOHN L., Newburyport, Mass., former Chief Newton, Mass., joined April 16, 1943, died Jan. 19, 1950.

FOX, CHARLES H., Engineering Consultant, Cincinnati, Ohio, joined June 24, 1929; died Jan. 26, 1950.

NICHOLS, LEON A., Chief, Barrington, R. I., joined June 25, 1931; died Feb. 3, 1950.

CHASE, BENJAMIN L., Chief, Haverhill, Mass., joined June 22, 1940; died Feb. 23, 1950.

BROWN, KARL W., Milford, New Hampshire, joined March 24, 1948; died Feb. 25, 1950.

LINDSAY, WALTER J., Chief Textron Inc., Manchester, N. H., joined May 31, 1945; died March 7, 1950.

WOODCOCK, CHESTER C., Deputy Chief, Leicester, Mass., joined June 21, 1938; died Jan. 31, 1949.

PLUMSTEAD, WILLIAM, Chief, Noank, Conn., joined May 2, 1947; died April 10, 1949.

MANSFIELD, LEROY P., Wolfeboro, N. H., joined June 25, 1946; died April 21, 1950.

RODMAN, R. W., Chief. No. Kingston Fire Dept., Wickford, R. I., joined June 2, 1930; died May 20, 1950.

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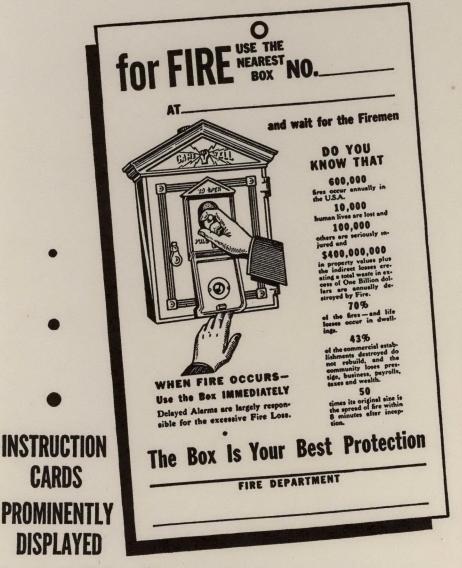
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