ADDENDUM H44.210
ADDENDUM H54.610
Issue D, January, 1960
N. J. Bell Tel. Co.

FIRE PROTECTION APPARATUS

ROUTINE INSPECTION AND MAINTENANCE

PURPOSE

This addendum supplements Section H44.210 - (H54.610) Issue 2 and is revised to provide additional information on Fire Hose Inspection, Standpipe Systems Inspection and Tests and Automatic Sprinkler Systems Inspection and Tests.

To delete reference to hydrostatic tests of fire hose and standpipe systems.

To cancel Addendum H44.210 - (H54.610), Issue C.

9. MAINTENANCE OF FIRE AND STANDPIPE SYSTEMS

9.01 Test and Inspection

Add the following to Paragraph 9.01 (b):

Inspect all hose stations to see that proper size spanner wrench is in place at station. Inspect roof hose stations to see that cabinet is in good condition, that door of cabinet opens easily, that cabinet is designated with word "Fire Hose" painted in a conspicuous location on the cabinet in 8" letters in contrasting color to that of the cabinet, that bleeder line valve of this station operates freely and that pipe line is properly drained.

9.02 Fire Hose Inspection

Delete:

First sentence of paragraph 9.02 (i).
Paragraph 9.02 (j) exposed racks (to twenty), enclosed racks (to thirty).

9.03 Standpipe Systems Inspection

Delete:

Paragraphs 9.03 (a), (b), (c) (only the last sentence of paragraph (d)) and paragraphs (e), (f), (l), (m).

Add the following to paragraph 9.03 (h):

Inspect Siamese connection monthly to see that it is not obstructed, the caps are properly placed, that connection is free of all foreign material that pipe line is properly drained between check valve and connection.

Add the following Paragraphs:

(n) If water supply is from gravity tank, inspect (monthly) to see that tank is properly filled, that all feed valves operate easily and are sealed open, that fire pumps function automatically and properly, that all pump valves operate properly, that adequate reserve of water is maintained for fire purposes where tank is used for house service as well as standpipe water supply.

(o) Interruption of Water Supply: When changes or repairs are made to standpipe or sprinkler systems which require the shutting off of the water supply, the office of the Plant Extension Engineer (Real Estate Agent) shall be notified of the approximate period of the shutdown. Department heads in the building, who may be involved, should also be notified before shutting the water supply system. The responsible Plant Supervisor shall notify the local fire department.

(p) Check to determine that the standpipe and hose system periodic test reports indicate that the entire system is in good order. The results of the tests and inspections shall be recorded on Form P-3173(O) and forwarded not later than January 15, of each year, through organization channels, to the Plant Extension Engineer (Real Estate Agent).

10. AUTOMATIC SPRINKLER SYSTEMS (Inspect Monthly by Plant Department)

10.01 Inspect main sprinkler water supply control valve to see that is is sealed open. This valve must be open at all times. If the seal is broken, it shall be replaced.

10.02 When repairs are required, they shall be made immediately. When these repairs involve shutting off the water supply, the Real Estate Agent and the local Fire Department shall be notified. Any force directly involved shall also be notified.

10.03 Inspect to see that the Siamese connection is not obstructed, that caps are properly placed, that threads are in good condition, that connection is free of all foreign material and that pipe line is properly drained between the check valve and the connection.

10.04 Test water and electric alarms by use of the 1" Inspectors Test Valve located at the farthest point of the system from the supply. Prior to test, notify occupants of buildings that a test is to be made, and inspect area outside of the discharge opening to prevent any water damage. The alarm test is made by opening the Inspectors Test Valve until the alarms sound.

10.05 Ascertain that extra sprinkler heads of the different temperature ratings required for replacements, and the special sprinkler head wrench are in place in the cabinet provided for that purpose.

10.06 Check visible sprinkler piping to see that is is properly secured and that all sprinkler heads are clear of obstructions which would interfere with the proper spread of water if the sprinkling head were operated.

10.07 Check to determine that the sprinkler system periodic test reports indicate that the entire system is in good order. The results of the tests and inspections shall be recorded on Form P-2888(O) and forwarded not later than January 15 of each year, through organization channels, to the Plant Extension Engineer (Real Estate Agent).

10.08 Where sprinkler lines and heads are located in a space subject to freezing temperatures, the lines shall be filled with an anti-freeze such as a fifty percent (50%) glycerine solution. The anti-freeze is prevented from mixing or backing-up into the main sprinkler system by means of a check valve. If a sprinkler head in the anti-freeze section is operated for any reason, arrangements shall be made at once for the replacement of the anti-freeze in that section before filling the main sprinkler system with water.

10.09 Identification signs for the control, drain, 1" test and alarm valves of the sprinkler system are normally supplied by the contractor at the time of installation. A check shall be made to determine that the signs are in place.

10.10 Replacement signs and seals may be obtained from the local sprinkler contractor.