The City of New York

DEPARTMENT OF BUILDINGS

EXECUTIVE OFFICES
120 WALL STREET, NEW YORK, N.Y. 10005

CHARLES M. SMITH, Jr., R.A., Commissioner
248-8811

December 3, 1985

Mr. Richard J. Reilly
Jaros, Baum & Bolles
Consulting Engineers
345 Park Avenue
New York, N.Y. 10154

Re: New Building 52/85, Manhattan
Block 1461, Lot 1321/31
430-436 East 67th Street
"New Laboratory Building Memorial
Sloan-Kettering Cancer Center"

Dear Mr. Reilly:

This is in response to your letters to this office, dated October 14, 1984, November 18, 1985 and November 26, 1985, requesting that the above proposed 13 story research laboratory be considered a light hazard occupancy for the purpose of supplying the required sprinklers from a combined standpipe/ sprinkler system.

It is noted that:

1. Section 1-7.2.1 of NFiPA 13 of Reference Standard RS 13-2 defines low hazard as an occupancy where the quantity and/or combustibility of the contents is low and fires with relatively low rates of heat release are expected.

2. Building Code Section 305.3 and Table 3-2 states that laboratories in Industrial Occupancy Classification D-2 represent a low fire hazard.

3. Fire Department regulations for the Storage and Use of Chemicals, Acids and Gases in College, University, Hospital, Research and Commercial Laboratories, effective November 6, 1985, specifies Maximum Laboratory Unit Storage Limits, based on Lab Type, Fire Ratings and Fire Protection.

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4. However, Section 6.2 states that: "In existing buildings, water supply to sprinkler systems may be taken off existing standpipes provided that the system is hydraulically designed".

In view of the foregoing and the specific storage limits of the Fire Department, it is interpreted that this research building be considered as a low hazard occupancy with the following requirement:

The light hazard sprinkler system and combination standpipe shall be described on the fire safety plan and filed with the Fire Department as required by sub-article 124.0.

Sincerely,

Charles M. Smith, Jr., R.A.,
Commissioner

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