

MAR 6 1996 12:34PM

SWANKE HAYDEN CONNELL ARCHITECTS

NO. 5151 P. 2/3



TECHNOLOGY CONSULTANTS IN TELECOMMUNICATIONS
AUDIOVISUAL & ACOUSTICS

417 Fifth Avenue, New York, NY 10016
(212) 725-6800 Fax (212) 725-0864

February 25, 1998

Mr. Joseph Aliotta
Swanke Hayden Connell Architects
295 Lafayette Street
New York, NY 10012

Re: **Mayor's Office of Emergency Management
Emergency Generator Noise**

Dear Joseph,

In response to the request by Silverstein Properties to define the NC level in tenant space surrounding the 7th floor equipment room when the emergency generators operate, we offer the following comments.

Our calculations indicate noise criteria levels in spaces immediately adjoining the generator room will be about NC-50 to 55. This level is higher than a typical fan room containing a packaged air conditioning unit which is usually NC-40 to 45.

The generators produce a roaring sound like a racing truck engine rather than the heavy rumble associated with AC units. The loudness of the generators is, subjectively, about 40% greater than the AC unit.

But the important consideration is that unlike an AC unit, the generators will not operate except during emergencies and after-hours or weekends for monthly testing.

Your very truly,

SHEN MILSOM & WILKE, INC.

Denis Milsom, VP

Project # 5149

cc: Michael Maybaum/Cosentini