

PLAINTIFF'S
EXHIBIT

USM-251

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January 24, 1967.

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Mr. Luis Benavides, Industrial Hygienist
Dade County Health Department
1350 14th St., N.W.
Miami, Florida 33125

Attention: Mr. John Eckhoff

Dear Luis:

Listed below are the dust concentrations, with air volume corrections, found in the three atmospheric samples collected January 18th at the Florida Power and Light Company plant now under construction at Turkey Point. Samples were collected with the standard midge impingers at a sampling rate of 0.1 cubic feet of air per minute. Dust counts were made with a hemacytometer counting chamber.

Laboratory Serial No.	Sample Description	Dust Concentration (millions of particles per cubic feet of air)
5240	Five minute sample collected at northside of Control Room, Elevation 30, spraying part time, 1:50 P.M.	2
5241	Three minute sample, collected at northwest corner of Control Room, Turbine elevation, spray- ing part time, 2:10 P.M.	3
5242	One minute sample collect- ed near Burner Panel, Elevation 62, spraying full time, 2:15 P.M.	9

We were unable to determine by microscopic examination the relative proportion of asbestos particles or fibers present in the total particle

ENCLOSURE 1

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count. The mineral wool which reportedly constitutes 70% of the insulating material is a fibrous material made from melted slag.

Based on information obtained from the limited number of environmental air samples collected it would appear that the exposure of workers, employed in nearby work areas, to asbestos dust and fibers generated by the asbestos spraying operation would constitute more of a nuisance than a potential health hazard. Your earlier recommendation that dust respirators and goggles be made available for employees working in the vicinity of the asbestos spraying operation would seem the most practical approach to the problem under present conditions. If we can be of further assistance, please let us know.

Sincerely,

R. L. Hebblethwaite

R. L. Hebblethwaite

for: Edwin G. Williams, M.D.
Director
Division of Radiological
and Occupational Health

RLH/pr

cc: Mr. Robert Downing, Florida Industrial Commission, Miami
Mr. Clarence Hooks, Florida Industrial Commission, Jacksonville

P. S. If you have not already done so, would you please mail the two file folders which were left in the laboratory.