

Spaul Environmental, Inc.

A professional team of engineers, industrial hygienists, safety experts, physicians, and health scientists

Environmental and Medical Monitoring
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13 April 1993

Ms. Judith Hunt, Director
Risk Management and Safety Department
School Board of Broward County
1320 Southwest Fourth Street
Ft. Lauderdale, FL 33312

RE: Cooper City High School Portables

Dear Ms. Hunt:

On 12 April 1993, Dr. Spaul and Mr. Commiskey conducted a follow-up inspection of the portables at Cooper City High School. This follow-up evaluation was conducted in response to teacher complaints about the indoor air quality in their portables.

Most of these portables have two small "window-shaker" type of air conditioning units, and only a few even had provisions for outdoor make-up air. The coils in all of the units that were inspected were very dirty and moldy.

The types of health complaints that were reported to Dr. Spaul are those that are associated with exposure to an allergen (molds) and to inadequate outdoor air flows.

The small air conditioners should be removed temporarily from the portables and thoroughly cleaned. As the units are replaced because of age or malfunction, they should be replaced with air conditioning units that have provisions for outdoor make-up air. In the mean time, these teachers should be instructed to open a door or window whenever they start to feel "Tight Building" conditions. During the change of class, the doors should remain open to allow the portable to be flushed with outdoor air. Although not desirable, until

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different air conditioners are installed, this will be the only way that these structures will be able to get an outdoor air supply.

If you have any questions about this letter, please do not hesitate to contact me.

Sincerely,

Wil A. Spaul sc

Wil A. Spaul, President
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Certified Industrial Hygienist

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