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INTERIM REPORT

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Contract Program or Project Title: Experimental Evaluation of Ventilation System Components During Large Pressure Pulses

Subject of this Document: Progress reported for November 1979

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Author(s): H. Horak and W. Gregory

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Responsible NRC Individual and NRC Office or Division: Donald E. Solberg, Systems Performance Research Branch, SAFER:RES

This document was prepared primarily for preliminary or internal use. It has not received full review and approval. Since there may be substantive changes, this document should not be considered final.

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NRC Research and Technical Assistance Report

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December 12, 1979

Mr. Donald E. Solberg, Chief
Systems Performance Branch
Office of Nuclear Regulatory Research
US Nuclear Regulatory Commission
MS 1130SS
Washington, DC 20555

Dear Don:

SUBJECT: R-295 MONTHLY PROGRESS LETTER FOR NOVEMBER 1979--EXPERIMENTAL EVALUATION OF VENTILATION SYSTEM COMPONENTS DURING LARGE PRESSURE PULSES

The first draft of a quarterly report outlining the last HEPA filter structural testing is complete. Completion of this work and further statistical analyses are required for the topical report. We estimate that the topical report can be released in March 1980.

At New Mexico State University we are continuing our work on the laser particle counter. Although this portion of our work is delayed, we hope to perform preliminary small-scale tests within two months. Data reduction of quasi-steady tests of the large centrifugal fans is continuing.

The $15,000 for the digitizer is urgently needed because it will speed up the data reduction process. Also included in the $15,000 are funds for us to procure dampers for testing. Considering delivery delays, we need to place our order now.

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Please call if you have questions.

Sincerely,

Jon

H. L. Horak

Bill

W. S. Gregory

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