

INTERIM REPORT October 22, 1980

Accession No. _____
Contractors Report No. _____

Contract Program or Project Title: Investigation of Ventilation Component
Response to Large Pressure Pulses

Subject of this Document: Progress reported for July 1980

Type of Document: Informal monthly progress report

Author(s): William S. Gregory

Date of Document: September 17, 1980

Responsible NRC Individual and NRC Office or Division: _____

Donald E. Solberg, Chief, 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.

Prepared by
Los Alamos Scientific Laboratory
P.O. Box 1663
Los Alamos, New Mexico 87545

Prepared for
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

NRC FIN No. A7028

DISTRIBUTION

J. Ayer
A. T. Clark
P. Loysen
G. Lewis
D. Solberg

INTERIM REPORT

NRC Research and Technical
Assistance Report

8011100 206



University of California
LOS ALAMOS SCIENTIFIC LABORATORY
Post Office Box 1663 Los Alamos, New Mexico 87545

In reply refer to: WX-8-3830 (R295)
Mail stop: 928

September 17, 1980

Mr. D. E. Solberg, Chief
Systems Performance Branch
Division of Safeguards, Fuel Cycle
and Environmental Research
US Nuclear Regulatory Commission
MS 1130SS
Washington, DC 20555

Dear Don:

SUBJECT: R295 MONTHLY PROGRESS REPORT FOR JULY 1980--INVESTIGATION OF
VENTILATION COMPONENT RESPONSE TO LARGE PRESSURE PULSES.

HEPA Filter report - The topical report on HEPA filter structural testing is undergoing a second revision. We hope to submit it for group editing next month.

A movie made up of typical transient test clippings with computer-generated titles was spliced together. This movie illustrates our test work.

Damper testing - We had a test program meeting with New Mexico State University (NMSU) personnel (P. R. Smith and C. I. Ricketts) last month to organize and schedule all of the testing for the next six months. As a result of other testing priorities, we have rescheduled damper testing to begin in December 1980.

Blower testing - The 24-in. centrifugal fan is being set up for simulated tornado transient testing to begin early next month.

NRC Research and Technical
Activities Report

Mr. D. E. Solberg
WX-8-3830 (R295)

-2-

September 17, 1980

Laser Anemometer/Particle Counter - The second instrument is being fabricated. When this instrument is completed and checked out, we will begin our small-scale HEPA filter efficiency tests.

Please call if you have questions or need clarification.

Sincerely,


William S. Gregory

WSG/tg

Cys: J. F. Jackson/R. A. Haarman, EP/NRC, MS 671
L. W. Hantel, WX-DO, MS 686
W. A. Bradley, WX-8, MS 928
Richard W. Leep, WX-8, MS 928
Edward S. Idar, WX-8, MS 928
Henry L. Horak, WX-8, MS 928
H. A. Lindberg, WX-8, MS 928
CRMO (2), MS 150
WX-8 File, MS 928