

State of California

AIR RESOURCES BOARD

Resolution 78-27a

January 24, 1979

WHEREAS, an unsolicited research Proposal Number 808-68 entitled "Transport and Dispersion of Airborne Pollutants in a Mountain Valley System Under Conditions of Stagnation" has been submitted by the California Institute of Technology to the Air Resources Board; and

WHEREAS, the Research staff has reviewed and recommended this proposal for approval; and

WHEREAS, the Research Screening Committee has reviewed and recommends for funding the proposal:

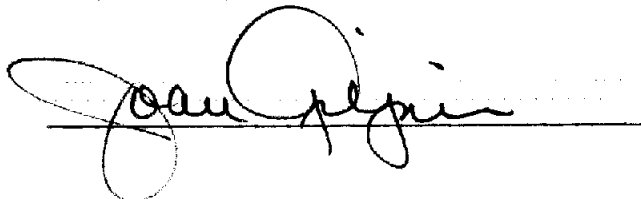
Proposal Number 808-68 entitled "Transport and Dispersion of Airborne Pollutants in a Mountain Valley System Under Conditions of Stagnation" submitted by the California Institute of Technology for an amount not to exceed \$33,105 for this amendment and \$302,991 for the entire study;

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board under the powers and authority granted by the Health and Safety Code, Section 39705, hereby accepts the recommendation of the Research Screening Committee and approves the following proposal:

Proposal Number 808-68 entitled "Transport and Dispersion of Airborne Pollutants in a Mountain Valley System Under Conditions of Stagnation" submitted by the California Institute of Technology, for an amount not to exceed \$33,105 for this amendment and \$302,991 for the entire study,

and authorizes the Executive Officer to initiate administrative procedures and to execute all necessary documents and contracts for the research effort proposed in an amount not to exceed \$33,105 for this amendment and \$302,991 for the entire study.

I certify that the above is a true and correct copy of Resolution 78-27a as passed by the Air Resources Board.



A handwritten signature in black ink, appearing to read "Paul J. Phipps", is written over a horizontal line. The signature is cursive and somewhat stylized.

State of California  
AIR RESOURCES BOARD

- ITEM: Research Proposal No. 808-68, an amendment to Air Resources Board Contract No. A7-170-30 entitled "A Study of the Origin and Fate of Air Pollutants in California's Central Valley".
- RECOMMENDATION: Adopt Resolution 78-27a approving the research listed in Research Proposal 808-68 submitted by the California Institute of Technology for funding in an amount not to exceed \$33,105 for this amendment and \$302,991 for the entire study.
- SUMMARY: The Air Resources Board staff is developing documentation to support the central valley sulfur dioxide control program. Analyses performed by the staff of the Technical Services Division indicate that, during the late winter and early fall, stagnant meteorological conditions result in high sulfate levels over large portions of the San Joaquin Valley. The precursors to this sulfate are believed to originate in the Kern County and drift slowly northward over a period of several days. This amendment, to a contract for a two-year study in the Central Valley now in progress, would provide for additional two SF<sub>6</sub> tracer releases under meteorological conditions specified by the ARB staff. The movement of the tracer material will be used to document flow patterns during periods of high sulfate concentration. The results and an accompanying analysis by staff meteorologists will be issued as an ARB report.

State of California  
AIR RESOURCES BOARD

Resolution 79-3

January 24, 1979

WHEREAS, the Air Resources Board is vested, under Section 39705 of the Health and Safety Code, with authority to appoint a Research Screening Committee composed of up to nine members with expertise in specified technical areas; and

WHEREAS, there now exist, as a result of recent resignations, three vacancies on the Research Screening Committee;

NOW THEREFORE BE IT RESOLVED that the Air Resources Board hereby appoints to full membership in its Research Screening Committee the following two persons, who have been found to meet all of the requirements set forth in Section 39705 of the Health and Safety Code:

Daniel P. Y. Chang, Ph.D.  
Assistant Professor of Civil Engineering  
University of California, Davis

Jan Bush, P.E.,  
Director, Air Pollution Control District  
County of Ventura

BE IT FURTHER RESOLVED that the Air Resources Board hereby confirms the following appointments to the Research Screening Committee made by prior order of the Executive Officer under authority delegated to him by the Board:

Laurence Caretto, Ph.D.  
Member, Air Resources Board and  
Professor of Mechanical and Chemical Engineering  
California State University, Northridge

Arthur Davidson, M.S.  
Senior Meteorologist  
South Coast Air Quality Management District

John M. Heslep, Ph.D.  
Chief, Laboratory Services Branch  
State Department of Health Services

Henry K. Newhall, Ph.D.  
Manager, Fuels Division  
Chevron Research Company

State of California  
AIR RESOURCES BOARD

Resolution 79-4

January 24, 1979

WHEREAS, William H. Lewis, Jr., served with distinction for three years as Executive Officer of the California Air Resources Board; and

WHEREAS, Mr. Lewis helped to create a new spirit of vigorous air pollution law enforcement in California; and

WHEREAS, he negotiated multi-million dollar settlements for violations of air pollution laws and provided effective incentives to all California industries to stay in compliance with air quality regulations; and

WHEREAS, his commitment to affirmative action and upward mobility created new opportunities for many highly capable individuals who are now contributing to the state's air pollution control program; and

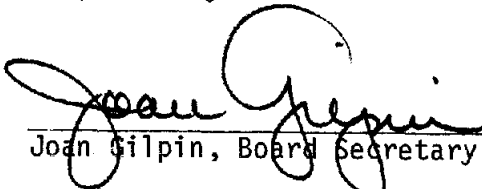
WHEREAS, he was instrumental in initiating the state's first programs for the control of carcinogenic air pollutants; and

WHEREAS, the Board Members and ARB staff enjoyed working with Mr. Lewis because of his competence as an administrator, creativity, outstanding leadership qualities, good humor and dedication to the highest ideals of public service;

NOW THEREFORE BE IT RESOLVED, that the Air Resources Board regrets the loss of the unique talents which Mr. Lewis brought to the ARB; and

BE IT FURTHER RESOLVED, that the Air Resources Board looks forward to Mr. Lewis' continued contributions to the protection and enhancement of our limited air resources in his new position as Executive Director of the National Commission on Air Quality.

I certify that the above is a true and correct copy of Resolution 79-4 as passed by the Air Resources Board.

  
Joan Gilpin, Board Secretary