

State of California
AIR RESOURCES BOARD

Resolution 83-29
October 27, 1983

WHEREAS, the Air Resources Board has been directed to carry out an effective research program in conjunction with its efforts to combat air pollution, pursuant to Health and Safety Code Sections 39700 through 39705;

WHEREAS, a proposal to augment Contract Number A2-118-32 entitled "Quantitative Assessment of the Effects of Not Controlling Air Pollution in California" has been submitted by the Energy Resources Consultants, Inc., 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:

An augmentation to Contract Number A2-118-32 entitled "Quantitative Assessment of the Effects of Not Controlling Air Pollution in California", submitted by the Energy Resources Consultants, Inc., for a total amount not to exceed \$13,274;

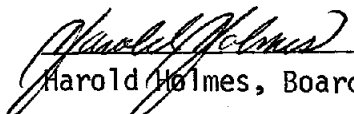
WHEREAS, the Governor's Executive Order D-18-83 prohibits State agencies from awarding research contracts through October 31, 1983;

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board, pursuant to the authority granted by Health and Safety Code Section 39703, hereby accepts the recommendation of the Research Screening Committee and approves the following:

An augmentation to Contract Number A2-118-32 entitled "Quantitative Assessment of the Effects of Not Controlling Air Pollution in California", submitted by the Energy Resources Consultants, Inc., for a total amount not to exceed \$13,274; and

BE IT FURTHER RESOLVED, that, should an exemption from the prohibition contained in Executive Order D-18-83 on awarding contracts for research be granted, or upon the expiration of Executive Order D-18-83, the Executive Officer is authorized to initiate administrative procedures and execute all necessary documents and contracts for the research effort proposed in an amount not to exceed \$13,274.

I certify that the above is a true and correct copy of Resolution 83-29 as passed by the Air Resources Board.


Harold Holmes, Board Secretary

State of California
AIR RESOURCES BOARD

ITEM NO.: 83-15-4b (1)
DATE: October 27, 1983

ITEM: Proposal to augment Contract Number A2-118-32 entitled "Quantitative Assessment of the Effects of Not Controlling Air Pollution in California"

RECOMMENDATION: Adopt Resolution 83-29 approving Proposed Augmentation of Contract A2-118-32 for an amount not to exceed \$13,274

SUMMARY: This proposal is a request for an augmentation of an ongoing study designed to assess the air quality effects and the specific economic costs that California would incur if air pollution controls were reduced or eliminated in 1979 or in 1987. Project work is well underway in the estimation of emission rates and ambient pollution levels in 1979 and 1987 with reduced or no air pollution controls. Project work is also underway to identify various types of air pollution-induced damage. A potentially important additional area of work has emerged after examination of data available on the cost of pollution-caused health effects. It has been determined that existing methods of evaluating the cost of illnesses caused by pollution are seriously limited and would give under-estimates of true health costs.

The purpose of this augmentation is to measure changes in behavior and expenditures from asthma attacks related to ozone exposure and to obtain data that will permit a more comprehensive estimate of the health costs of pollution.

Briefly, the added effort includes administering two questionnaires to a panel of 100 asthmatics living in the Los Angeles area. The questionnaires will assess changes in behavior, medical expenditures, willingness to pay (to avoid risk, pain and suffering) and work loss associated with asthma attacks related to ozone exposure. The panel of asthmatics to be used are currently participating in an epidemiological study of asthmatics being conducted for the Board by the UCLA School of Medicine.

The Research Screening Committee approved this project amendment, contingent upon the written approval of the UCLA researchers.

The U.S. Environmental Protection Agency has expressed interest in obtaining data from this project on the changes in behavior and expenditures related to asthma attacks resulting from ozone exposure and plans to supplement the project further. The EPA augmentation will increase project funding by another \$36,000.

State of California
AIR RESOURCES BOARD

Resolution No. 83-31

October 27, 1983

WHEREAS, Laurence S. Caretto has served with distinction as a member of the Air Resources Board from September 1978 through September 1983;

WHEREAS, as a professor of engineering and Chairman of the Mechanical and Chemical Engineering Department at California State University at Northridge, he has outstanding technical, scientific, and leadership abilities which he has dedicated to developing and implementing California's program to clean up the air;

WHEREAS, he has been willing to work long and hard to assist his fellow Board members in piercing through masses of information to understand complex technical issues;

WHEREAS, his acknowledged expertise in the field of automobile emissions has played an invaluable role in shaping California's motor vehicle pollution control program, which is recognized as pre-eminent in the world;

WHEREAS, his balanced judgment, sense of fairness and technical knowledge have helped the Board to address California's air quality issues in an innovative manner, especially through:

- o the development of strong control measures for motor vehicles as well as emission limitations for power plant NOx, stationary internal combustion engines, oil refinery equipment, architectural coatings, vapor recovery equipment, fuel content, and the adoption of stringent state ambient air quality standards, all in consideration of many factors, including certain rare oenological insights;
- o the adoption of regulations for unique Kern County air quality issues, as the masterful compromiser trusted and sought after by local officials, industry representatives, and Air Resources Board staff alike;
- o the initiation of a program to control toxic air contaminants;
- o the continuing quest for more complete information, undaunted by even such personal sacrifice as the requirement to shave Larry's well-established beard for an inspection of Outer Continental Shelf oil facilities;

WHEREAS, Larry is a pleasure to work with and his stamina, dedication, and unfailing good humor have fostered mutual respect and understanding among Air Resources Board staff, his colleagues at air pollution control districts, representatives of business interests, and the general public;

NOW, THEREFORE, BE IT RESOLVED that the Air Resources Board extends its deepest appreciation to Larry Caretto and expresses its thanks for his outstanding contribution to California's progress towards clean air.