State of California
AIR RESOURCES BOARD

Resolution 92-20

April 9, 1992

Agenda Item No. 92-4-4

WHEREAS, section 40925(a) of the Health and Safety Code requires every district which has been designated a nonattainment area for state ambient air quality standards for ozone, carbon monoxide, sulfur dioxide, or nitrogen dioxide to review its nonattainment plan at least once every three years to correct for deficiencies and to incorporate new data or projections into the plan;

WHEREAS, regional, photochemical ozone models are a valuable tool in air resources management programs, enhancing the understanding of air quality problems and facilitating the evaluation of potential control strategies;

WHEREAS, the ARB has been directed by sections 39605(a) and 40916(a) of the Health and Safety Code to make technical assistance available to the districts and by section 40916(b) of the Health and Safety Code to prepare guidelines for the districts to use in the validation of air quality models;

WHEREAS, many of the districts are now developing modeling simulations for evaluating emission control strategies;

WHEREAS, the Board will be called upon to make some far-reaching decisions on emission control plans over the next few years, and air quality models will be involved in many of them;

WHEREAS, in August of 1990 the Board approved the TECHNICAL GUIDANCE DOCUMENT: Photochemical Modeling (TGD);

WHEREAS, the Board directed the staff to refine and update the TGD as the science advances and as new and improved modeling tools become available; and

WHEREAS, the Board's staff proposes refinements to the TGD to keep pace with changes in the science.

NOW, THEREFORE, BE IT RESOLVED, that the Air Resources Board approves the revised TECHNICAL GUIDANCE DOCUMENT: Photochemical Modeling, and directs the Executive Officer to deliver the document to the districts for their use in ozone modeling.

BE IT FURTHER RESOLVED, that the Board requests the staff to refine and update the TGD as the science advances and as new and improved modeling tools become available;