

State of California  
AIR RESOURCES BOARD

Resolution 88-17

February 18, 1988

Agenda Item No.: 88-2-1

WHEREAS, on January 23, 1986, pursuant to Section 39662 of the Health and Safety Code, the Air Resources Board (Board) identified hexavalent chromium as a toxic air contaminant for which there is not sufficient available scientific evidence to support the identification of a threshold exposure level below which no significant adverse health effects are anticipated (see Title 17, California Code of Regulations, Section 93000);

WHEREAS, following identification of hexavalent chromium as a toxic air contaminant, the Board is required by Health and Safety Code Section 39665 to consider the need for and appropriate degree of regulation of hexavalent chromium;

WHEREAS, the staff prepared for the Board's review the "Proposed Hexavalent Chromium Control Plan" (the Plan) which describes an overall course of action for control but does not propose for adoption any specific hexavalent chromium control measures;

WHEREAS, the plan identifies potential hexavalent chromium control measures that reflect the use of technologically feasible controls;

WHEREAS, the plan addresses, to the extent information is available: the present and anticipated emissions of and exposure to hexavalent chromium; the physical and chemical characteristics of hexavalent chromium relevant to its stability, persistence and dispersion potential in the ambient air; the source categories and their relative contribution to hexavalent chromium emissions and exposure; the availability, technological feasibility, cost, and expected effect of potential hexavalent chromium airborne toxic control measures; the availability, suitability, and relative efficacy of substitute compounds of a less hazardous nature; and the potential adverse health, safety, or environmental impacts of implementing a proposed airborne toxic control measure;

WHEREAS, the California Environmental Quality Act and Board regulations require that no project having significant adverse environmental impacts be adopted as originally proposed if feasible alternatives or mitigation measures are available.

WHEREAS, the Plan was made available to the public for review and comment;

WHEREAS, at a public meeting held February 18, 1988, the Board reviewed the plan and considered the written comments and public testimony received;

WHEREAS, the Board finds that the Plan is an appropriate course of action for the staff to follow in developing hexavalent chromium control measures for the Board's consideration in order to reduce public health risk from ambient hexavalent chromium exposure; and

WHEREAS, the Board has determined, pursuant to the requirements of the California Environmental Quality Act and Board regulations, that this action will have no significant adverse impact on the environment.

NOW, THEREFORE, BE IT RESOLVED, the Board directs the staff to place the highest priority on developing hexavalent chromium control measures for chrome plating and anodizing operations and chromate treated cooling towers; to present for Board consideration these proposed airborne toxic control measures as soon as practicable; to continue to evaluate the feasibility of controlling emissions of hexavalent chromium from the other source categories; and to bring before the Board any additional hexavalent chromium control measures that warrant consideration.

I hereby certify that the above is a true and correct copy of Resolution 88-17, as adopted by the Air Resources Board.

  
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Cary Allison, Board Secretary