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CALIFORNIA LEGISLATURE—1983-84 REGULAR SESSION

**ASSEMBLY BILL**

**No. 1807**

Introduced by Assemblywoman Tanner

(Principal coauthor: Assemblyman Davis)

(Principal coauthor: Senator Keene)

~~(Coauthors: Assemblymen Calderon and Hayden)~~

~~(Coauthor: Senator Alquist)~~

(Coauthor: Assemblyman Calderon)

(Coauthors: Senators Alquist, Beverly, McCorquodale, and Rosenthal)

March 4, 1983

An act to add Article 1.5 (commencing with Section 14021) to Chapter 3 of Division 7 of the Food and Agricultural Code, and to add Chapter 3.5 (commencing with Section 39650) to Part 2 of Division 26 of the Health and Safety Code, relating to air pollution.

AB 1807

— 2 —

LEGISLATIVE COUNSEL'S DIGEST

AB 1807, as amended, Tanner. Air pollution: toxic air contaminants.

(1) Under existing law, the State Air Resources Board is required to adopt ambient air quality standards for each air basin in the state. Standards relating to health effects are required to be based upon the recommendations of the State Department of Health Services. Air pollution control districts and air quality management districts are required to adopt and enforce rules and regulations which assure that reasonable provision is made to achieve and maintain ambient air quality standards. The Department of Food and Agriculture has general authority to regulate pesticides.

This bill would require, upon request of the state board, the State Department of Health Services, in consultation with and with the participation of the state board, to evaluate and prepare recommendations on the health effects of substances, *other than pesticides in their pesticidal use*, emitted into the ambient air which may be determined to be toxic air contaminants, and would require the state board, in consultation with and with the participation of, the State Department of Health Services, to prepare a report which would serve as the basis for regulatory action and to determine, by regulation, whether a substance is a toxic air contaminant. The Director of Food and Agriculture, in consultation with the State Department of Health Services and the state board, would be required to evaluate health effects of pesticides which may be or are emitted into the ambient air and may be hazardous to human health. It would define the terms "toxic air contaminant," "airborne toxic control measure," and "pesticide." The state board would be required to adopt airborne toxic control measures to reduce emissions of toxic air contaminants from nonvehicular sources below the threshold exposure level, if any, at which no significant adverse health effects are anticipated.

The Director of Food and Agriculture would be required to *determine which pesticides are toxic air contaminants and to determine, in consultation with the State Department of Health Services, the state board, and districts, the appropriate degree of control measures needed for identified pesticides*

identified as toxic air contaminants. The director, in consultation with county agricultural commissioners and districts in the affected counties, would be required to develop and adopt control measures designed to reduce emissions from those pesticide sources.

The bill would require the state board, based on its determination of toxic air contaminants, to determine whether revisions are needed in vehicular emission standards and motor vehicle fuel additives standards to prevent harm to the public health from vehicular emissions.

The bill would impose a state-mandated local program by requiring districts to propose regulations enacting airborne toxic control measures on nonvehicular sources not later than 120 days after their adoption by the state board, except that districts would be authorized to adopt and enforce equally effective or more stringent control measures. A district would be required to adopt regulations implementing airborne toxic control measures on nonvehicular sources within 6 months after adoption by the state board. District new source review rules and regulations would be required to control emissions of toxic air contaminants, except that processors of food and fiber operating 6 months or less in any calendar year would be exempt until January 1, 1987.

The bill would require the appointment of a ~~7~~<sup>9</sup>-member Scientific Review Panel on Toxic Air Contaminants to advise the state board in its evaluation of the health effects toxicity of substances.

The bill would make any person who violates any rule or regulation, emission limitation, or permit condition adopted to control a toxic air contaminant liable for a civil penalty not exceeding \$10,000 per day.

(2) The bill would declare legislative intent that the state board, the State Department of Health Services, and the Department of Food and Agriculture perform functions required by the bill in the 1983-84 fiscal year within their existing resources and budgetary authorizations.

(3) Article XIII B of the California Constitution and Sections 2231 and 2234 of the Revenue and Taxation Code require the state to reimburse local agencies and school districts for certain costs mandated by the state. Other

provisions require the Department of Finance to review statutes disclaiming these costs and provide, in certain cases, for making claims to the State Board of Control for reimbursement.

However, this bill would provide that no appropriation is made and no reimbursement is required by this act for a specified reason.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: yes.

*The people of the State of California do enact as follows:*

1 SECTION 1. Article 1.5 (commencing with Section  
2 14021) is added to Chapter 3 of Division 7 of the Food and  
3 Agricultural Code, to read:

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Article 1.5. Pesticides

14021. As used in this article, "pesticide" means any economic poison as defined in Section 12753.

14022. (a) In consultation with the State Department of Health Services and the State Air Resources Board, the director shall evaluate the health effects of pesticides which may be or are emitted into the ambient air of California and which may be determined to pose a present or potential hazard to human health. Upon request of the State Air Resources Board, the director shall include a pesticide for evaluation.

(b) In conducting this evaluation, the director shall consider all available scientific data, including, but not limited to, relevant data provided by the State Department of Health Services, the Occupational Safety and Health Division of the Department of Industrial Relations, international and federal health agencies, private industry, academic researchers, and public health and environmental organizations. At the request of the director, the State Air Resources Board shall document the level of airborne emissions and the State Department of Health Services shall provide an assessment of related health effects of pesticides which may be determined to

1 exposure which may cause or contribute to adverse  
2 health effects and; in the case where there is no threshold  
3 of significant adverse health effects; the range of risk to  
4 humans; resulting from current or anticipated exposure.  
5 The report shall include the findings of the State  
6 Department of Health Services. The report shall be made  
7 available to the public; subject to subdivision (c) of  
8 Section 14022.

9 (c) The report prepared pursuant to subdivision (b)  
10 shall be formally reviewed by the scientific review panel  
11 established according to Section 39670 of the Health and  
12 Safety Code. The director shall also make available the  
13 data deemed necessary to the scientific review panel;  
14 according to departmental procedures established to  
15 ensure confidentiality of proprietary information. The  
16 panel shall review, as appropriate, the scientific data on  
17 which the report is based; the scientific procedures and  
18 methods used to support the data; and the conclusions  
19 and assessments on which the report is based.

20 (d) If the scientific review panel determines that the  
21 health effects report is seriously deficient, the report  
22 shall be returned to the director who shall revise and  
23 resubmit the report to the panel prior to development of  
24 emission control measures.

25 (e) The director shall determine, in consultation with  
26 the State Department of Health Services, the State Air  
27 Resources Board, and the air pollution control districts or  
28 air quality management districts in the affected counties;  
29 the need for and appropriate degree of control measures  
30 for each pesticide identified in subdivision (a). Any  
31 person may submit written information for consideration  
32 by the director.

33 14024. (a) For those pesticides for which a need for  
34 control measures has been determined pursuant to  
35 subdivision (e) of Section 14023 and pursuant to  
36 provisions of this code; the director, in consultation with  
37 the agricultural commissioners and air pollution control  
38 districts and air quality management districts in the  
39 affected counties; shall develop and adopt control  
40 measures designed to reduce emissions sufficiently so

1 that the source will not expose the public to the levels of  
2 exposure which may cause or contribute to significant  
3 adverse health effects. Where no demonstrable safe level  
4 or threshold of significant adverse health effects has been  
5 established by the director, the control measures shall be  
6 designed to adequately prevent an endangerment of  
7 public health through the application of best practicable  
8 control techniques.

9 (b) Control measures may include, but are not limited  
10 to, the following:

11 (1) Label amendments;

12 (2) Applicator training;

13 (3) Restrictions on use patterns or locations;

14 (4) Changes in application procedures;

15 (5) Reclassification as a restricted material;

16 (6) Cancellation.

17 14025. Any person may petition the department to  
18 review a determination made pursuant to this article.  
19 The petition shall specify the additional scientific  
20 evidence regarding the health effects of a pesticide  
21 which was not available at the time the original  
22 determination was made and any other evidence which  
23 would justify a revised determination.

24 SEC. 2.

25 SECTION 1. Chapter 3.5 (commencing with Section  
26 39650) is added to Part 2 of Division 26 of the Health and  
27 Safety Code, to read:

28 CHAPTER 3.5. TOXIC AIR CONTAMINANTS

29 Article 1. Findings, Declarations and Intent

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33 39650. The Legislature finds and declares the  
34 following:

35 (a) That public health, safety, and welfare may be  
36 endangered by the emission into the ambient air of  
37 substances which are determined to be carcinogenic,  
38 teratogenic, mutagenic, or otherwise toxic or injurious to  
39 humans

40 (b) That persons residing in California may be

1 exposed to a multiplicity of toxic air contaminants from  
2 numerous sources which may act cumulatively to  
3 produce adverse effects, and that this phenomenon  
4 should be taken into account when evaluating the health  
5 effects of individual compounds.

6 (c) That it is the public policy of the state that  
7 emissions of toxic air contaminants should be controlled  
8 to levels which prevent harm to the public health.

9 (d) That the identification and regulation of toxic air  
10 contaminants should utilize the best available scientific  
11 evidence gathered from the public, private industry, the  
12 scientific community, and federal, state, and local  
13 agencies, and that the scientific research on which  
14 decisions related to health effects are based should be  
15 reviewed by a scientific review panel and members of the  
16 public.

17 (e) That, while absolute and undisputed scientific  
18 evidence may not be available to determine the exact  
19 nature and extent of risk from toxic air contaminants, it  
20 is necessary to take action to protect public health.

21 (f) That the state board has adopted regulations  
22 regarding the identification and control of toxic air  
23 contaminants, but that the statutory authority of the state  
24 board, the relationship of its proposed program to the  
25 activities of other agencies, and the role of scientific and  
26 public review of the regulations should be clarified by the  
27 Legislature.

28 (g) That the Department of Food and Agriculture has  
29 jurisdiction over pesticides to protect the public from  
30 environmentally harmful pesticides by regulating the  
31 registration and uses of pesticides.

32 (h) *That while there is a statewide program to control*  
33 *levels of air contaminants subject to state and national*  
34 *ambient air quality standards, there is no specific*  
35 *statutory framework in this division for the evaluation*  
36 *and control of substances which may be toxic air*  
37 *contaminants.*

38 (i) *That the purpose of this chapter is to create a*  
39 *program which specifically addresses the evaluation and*  
40 *control of substances which may be toxic air*

1 *contaminants and which complements existing authority*  
2 *to establish, achieve, and maintain ambient air quality*  
3 *standards.*

4 (j) *That this chapter is limited to toxic air*  
5 *contaminants and nothing in the chapter is to be*  
6 *construed as expanding or limiting the authority of any*  
7 *agency or district concerning pesticides which are not*  
8 *identified as toxic air contaminants.*

9 (k) That a statewide program to control toxic air  
10 contaminants is necessary and desirable in order to  
11 provide technical and scientific assistance to the districts,  
12 to achieve the earliest practicable control of toxic air  
13 contaminants, to promote the development and use of  
14 advanced control technologies and alternative processes  
15 and materials, to identify the toxic air contaminants of  
16 concern and determine the priorities of their control, and  
17 to minimize inconsistencies in protecting the public  
18 health in various areas of the state.

## 19 Article 2. Definitions

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22 39655. For purposes of this chapter, "toxic air  
23 contaminant" means an air pollutant which may cause or  
24 contribute to an increase in mortality or an increase in  
25 serious illness, or which may pose a present or potential  
26 hazard to human health. Substances which have been  
27 identified as hazardous air pollutants pursuant to Section  
28 7412 of Title 42 of the United States Code shall be  
29 identified by the state board as toxic air contaminants.  
30 ~~Pesticides which may be toxic air contaminants shall be~~  
31 ~~regulated~~ *Toxic air contaminants which are pesticides*  
32 *shall be regulated in their pesticidal use* by the  
33 Department of Food and Agriculture pursuant to Article  
34 1.5 (commencing with Section 14021) of Chapter 3 of  
35 Division 7 of the Food and Agricultural Code.

36 39656. For purposes of this chapter, "airborne toxic  
37 control measure" means recommended methods, and  
38 where appropriate a range of methods, of reducing the  
39 emissions of a toxic air contaminant, including, but not  
40 limited to, emission limitations, control technologies, the

1 use of operational and maintenance conditions and closed  
2 system engineering.

3 39657. For purposes of this chapter, "pesticide"  
4 means any economic poison as defined by Section 12753  
5 of the Food and Agricultural Code.

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7 Article 3. Identification of Toxic Air Contaminants

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9 39660. (a) Upon the request of the state board, the  
10 State Department of Health Services, in consultation  
11 with and with the participation of the state board, shall  
12 evaluate the health effects of and prepare  
13 recommendations regarding substances, other than  
14 pesticides in their pesticidal use, which may be or are  
15 emitted into the ambient air of California which may be  
16 determined to be toxic air contaminants.

17 (b) In conducting this evaluation, the State  
18 Department of Health Services shall consider all  
19 available scientific data, including, but not limited to,  
20 relevant data provided by the state board, the  
21 Occupational Safety and Health Division of the  
22 Department of Industrial Relations, international and  
23 federal health agencies, private industry, academic  
24 researchers, and public health and environmental  
25 organizations.

26 (c) The evaluation shall assess the availability and  
27 quality of data on health effects, including potency, mode  
28 of action, and other relevant biological factors, of the  
29 substance.

30 The evaluation shall also contain an estimate of the  
31 levels of exposure which may cause or contribute to  
32 adverse health effects and, in the case where there is no  
33 threshold of significant adverse health effects, the range  
34 of risk to humans resulting from current or anticipated  
35 exposure.

36 (d) The State Department of Health Services shall  
37 submit its written evaluation and recommendations to  
38 the state board within 90 days after receiving the request  
39 of the state board pursuant to subdivision (a). The State  
40 Department of Health Services may, however, petition

1 the state board for an extension of the deadline, not to  
2 exceed 30 days, setting forth its statement of the reasons  
3 which prevent the department from completing its  
4 evaluation and recommendations within 90 days. Upon  
5 receipt of a request for extension of, or noncompliance  
6 with, the deadline contained in this section, the state  
7 board shall immediately transmit to the Assembly  
8 Committee on Rules and the Senate Committee on Rules,  
9 for transmittal to the appropriate standing, select, or joint  
10 committee of the Legislature, a statement of reasons for  
11 extension of the deadline, along with copies of the  
12 department's statement of reasons which prevent it from  
13 completing its evaluation and recommendations in a  
14 timely manner.

15 (e) The state board or a district may request, and any  
16 person shall provide, information on any substance which  
17 is or may be under evaluation and which is  
18 manufactured, distributed, emitted, or used by the  
19 person of whom the request is made, in order to carry out  
20 its responsibilities pursuant to this chapter. To the extent  
21 practical, the state board or a district may collect the  
22 information in aggregate form or in any other manner  
23 designed to protect trade secrets.

24 Any person providing information pursuant to this  
25 subdivision may, at the time of submission, identify a  
26 portion of the information submitted to the state board or  
27 a district as a trade secret and shall support the claim of  
28 a trade secret, upon the written request of the state board  
29 or district board. Information supplied which is a trade  
30 secret, as specified in Section 6254.7 of the Government  
31 Code, and which is so marked at the time of submission,  
32 shall not be released to the public by the state board or  
33 district, except in accordance with Section 21160 of the  
34 Public Resources Code and Section 1060 of the Evidence  
35 Code. *any member of the public. This section shall not  
36 be construed to prohibit the exchange of properly  
37 designated trade secrets between public agencies when  
38 those trade secrets are relevant and necessary to the  
39 exercise of their jurisdiction provided that the public  
40 agencies exchanging those trade secrets shall preserve*

1 *the protections afforded that information by this*  
2 *paragraph.*

3 Any information not identified as a trade secret shall be  
4 available to the public unless exempted from disclosure  
5 by other provisions of law. The fact that information is  
6 claimed to be a trade secret is public information. Upon  
7 receipt of a request for the release of information which  
8 has been claimed to be a trade secret, the state board or  
9 district shall immediately notify the person who  
10 submitted the information, and shall determine whether  
11 or not the information claimed to be a trade secret is to  
12 be released to the public. The state board or district  
13 board, as the case may be, shall make its determination  
14 within 60 days after receiving the request for disclosure,  
15 but not before 30 days following the notification of the  
16 person who submitted the information. If the state board  
17 or district decides to make the information public, it shall  
18 provide the person who submitted the information 10  
19 days' notice prior to public disclosure of the information.

20 (f) The State Department of Health Services and the  
21 state board shall give priority to the evaluation and  
22 regulation of substances based on factors related to the  
23 risk of harm to public health, amount or potential amount  
24 of emissions, manner of usage of the substance in  
25 California, persistence in the atmosphere, and ambient  
26 concentrations in the community.

27 39661. (a) Upon receipt of the evaluation and  
28 recommendations prepared pursuant to Section 39660,  
29 the state board, in consultation with and with the  
30 participation of the State Department of Health Services,  
31 shall prepare a report in a form which may serve as the  
32 basis for regulatory action regarding a particular  
33 substance pursuant to subdivisions (b) and (c) of Section  
34 39662.

35 The report shall include and be developed in  
36 consideration of the evaluation and recommendations of  
37 the State Department of Health Services.

38 (b) The report, together with the scientific data on  
39 which the report is based, shall, with the exception of  
40 trade secrets, be made available to the public and shall be

1 formally reviewed by the scientific review panel  
2 established pursuant to Section 39670. The panel shall  
3 review the scientific procedures and methods used to  
4 support the data, the data itself, and the conclusions and  
5 assessments on which the report is based. Any person  
6 may submit any information for consideration by the  
7 panel which may, at its discretion, receive oral testimony.  
8 The panel shall submit its written findings to the state  
9 board within 45 days after receiving the report. The  
10 panel may, however, petition the state board for an  
11 extension of the deadline, which may not exceed 15  
12 working days.

13 (c) If the scientific review panel determines that the  
14 health effects report is seriously deficient, the report shall  
15 be returned to the state board, and the state board, in  
16 consultation with and with the participation of the State  
17 Department of Health Services, shall prepare revisions to  
18 the report which shall be resubmitted, within 30 days  
19 following receipt of the panel's determination, to the  
20 scientific review panel which shall review the report in  
21 conformance with subdivision (b) prior to a formal  
22 proposal by the state board pursuant to Section 39662.

23 39662. (a) Within 10 working days following receipt  
24 of the findings of the scientific review panel pursuant to  
25 subdivision (c) of Section 39661, the state board shall  
26 prepare a hearing notice and a proposed regulation  
27 which shall include the proposed determination as to  
28 whether a substance is a toxic air contaminant.

29 (b) After conducting a public hearing pursuant to  
30 Chapter 3.5 (commencing with Section 11340) of Part 1  
31 of Division 3 of Title 2 of the Government Code, the state  
32 board shall list, by regulation, substances determined to  
33 be toxic air contaminants.

34 (c) If a substance is determined to be a toxic air  
35 contaminant, the regulation shall specify a threshold  
36 exposure level, if any, below which no significant adverse  
37 health effects are anticipated.

38 (d) In evaluating the nature of the adverse health  
39 effect and the range of risk to humans from exposure to  
40 a substance, the state board shall utilize scientific criteria

1 which are protective of public health, consistent with  
2 current scientific data.

3 (e) Any person may petition the state board to review  
4 a determination made pursuant to this section. The  
5 petition shall specify the additional scientific evidence  
6 regarding the health effects of a substance which was not  
7 available at the time the original determination was  
8 made and any other evidence which would justify a  
9 revised determination.

10 ~~39663. Nothing in this chapter shall preclude any~~  
11 ~~district from taking action to ensure compliance with all~~  
12 ~~applicable provisions of law and regulations with respect~~  
13 ~~to any air pollutant other than pesticides which has not~~  
14 ~~been determined, or is under consideration for~~  
15 ~~determination as, a toxic air contaminant.~~

#### 16 Article 4. Control of Toxic Air Contaminants

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19 39665. (a) Following adoption of the determinations  
20 pursuant to Section 39662, the executive officer of the  
21 state board shall, with the participation of the districts,  
22 and in consultation with affected sources and the  
23 interested public, prepare a report on the need and  
24 appropriate degree of regulation for each substance  
25 which the state board has determined to be a toxic air  
26 contaminant.

27 (b) The staff report shall address all of the following  
28 issues, to the extent data can reasonably be made  
29 available:

30 (1) The rate and extent of present and anticipated  
31 future emissions and estimated levels of human exposure.

32 (2) The stability, persistence, transformation  
33 products, dispersion potential, and other physical and  
34 chemical characteristics of the substance when present in  
35 the ambient air.

36 (3) The categories, numbers, and relative contribution  
37 of present or anticipated sources of the substance,  
38 including mobile, industrial, agricultural, and natural  
39 sources.

40 (4) The availability and technological feasibility of

1 airborne toxic control measures to reduce or eliminate  
2 emissions, and the anticipated effect of airborne toxic  
3 control measures on levels of exposure.

4 (5) The approximate cost of each airborne toxic  
5 control measure and the magnitude of risks posed by the  
6 substances as reflected by the amount of emissions from  
7 the source or category of sources.

8 (6) The availability, suitability, and relative efficacy of  
9 substitute compounds of a less hazardous nature.

10 (7) The potential adverse health, safety, or  
11 environmental impacts that may occur as a result of  
12 implementation of an airborne toxic control measure.

13 (c) The staff report, and relevant comments received  
14 during consultation with the districts, affected sources,  
15 and the public, shall be made available for public review  
16 and comment at least 45 days prior to the public hearing  
17 required by Section 39666.

18 39666. (a) Following a noticed public hearing, the  
19 state board shall adopt airborne toxic control measures to  
20 reduce emissions of toxic air contaminants from  
21 nonvehicular sources.

22 (b) For toxic air contaminants for which the state  
23 board has determined, pursuant to Section 39662, that  
24 there is a threshold exposure level below which no  
25 significant adverse health effects are anticipated, the  
26 airborne toxic control measure shall be designed, in  
27 consideration of the factors specified in subdivision (b) of  
28 Section 39665, to reduce emissions sufficiently so that the  
29 source will not result or contribute to ambient levels at  
30 or in excess of the threshold exposure.

31 (c) For toxic air contaminants for which the state  
32 board has not specified a threshold exposure level  
33 pursuant to Section 39662, the airborne toxic control  
34 measure shall be designed, in consideration of the factors  
35 specified in subdivision (b) of Section 39665, to reduce  
36 emissions to the lowest level achievable through  
37 application of best available control technology or a more  
38 effective control method, unless the state board or a  
39 district board determines, based on an assessment of risk,  
40 that an alternative level of emission reduction is adequate

1 or necessary to prevent an endangerment of public  
2 health.

3 (d) Not later than 120 days after the adoption by the  
4 state board of an airborne toxic control measure pursuant  
5 to this section, the districts shall propose regulations  
6 enacting control measures on nonvehicular sources  
7 within their jurisdiction which meet the requirements of  
8 subdivisions (b), (c), and ~~(f)~~ (e), except that a district  
9 may, at its option, adopt and enforce equally effective or  
10 more stringent control measures than the airborne toxic  
11 control measures adopted by the state board. A district  
12 shall adopt rules and regulations implementing airborne  
13 toxic control measures on nonvehicular sources within its  
14 jurisdiction in conformance with the requirements of  
15 subdivisions (b), (c), and ~~(f)~~ (e), not later than six  
16 months following the adoption of airborne toxic control  
17 measures by the state board.

18 (e) District new source review rules and regulations  
19 shall require new or modified sources to control  
20 emissions of toxic air contaminants consistent with  
21 subdivisions (b), (c), and (d) except for processors of  
22 food and fiber that operate for six months or less in any  
23 calendar year. The exception for processors of food and  
24 fiber shall become inoperative on January 1, 1987. On or  
25 before January 1, 1986, the state board, in consultation  
26 and with the participation of the Department of Food  
27 and Agriculture, shall report to the Legislature on the  
28 feasibility of implementation and the economic impact of  
29 this section on processors of food and fiber.

30 39667. Based on its determinations pursuant to  
31 Section 39662, the state board shall determine if revisions  
32 are needed in the emission standards for vehicular  
33 sources, or in the standards for motor vehicle fuel  
34 additives, adopted pursuant to Part 5 (commencing with  
35 Section 43000), in order to prevent harm to the public  
36 health from vehicular emissions.

37 Article 5. Scientific Review Panel

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39 39670. (a) A ~~seven-member~~ *nine-member* Scientific

1 Review Panel on Toxic Air Contaminants shall be  
2 appointed to advise the state board and the Department  
3 of Food and Agriculture in their evaluation of the health  
4 effects toxicity of substances pursuant to Article 3  
5 (commencing with Section 39660) of this chapter and  
6 Article 1.5 (commencing with Section 14021) of Chapter  
7 3 of Division 7 of the Food and Agricultural Code.

8 (b) The members of the panel shall be highly qualified  
9 and professionally active or engaged in the conduct of  
10 scientific research, and shall be appointed as follows for  
11 a term of three years:

12 (1) ~~Three~~ *Five* members shall be appointed by the  
13 Secretary of the Environmental Affairs Agency, one of  
14 whom shall be qualified as a pathologist, one of whom  
15 shall be qualified as an oncologist, ~~and~~ one of whom shall  
16 be qualified as an epidemiologist, *one of whom shall be*  
17 *qualified as an atmospheric scientist, and one who shall*  
18 *have relevant scientific experience and shall be*  
19 *experienced in the operation of scientific review or*  
20 *advisory bodies.*

21 (2) Two members shall be appointed by the Senate  
22 Committee on Rules, one of whom shall be qualified as a  
23 biostatistician and one of whom shall be a physician or  
24 scientist specializing in occupational medicine.

25 (3) Two members shall be appointed by the Speaker  
26 of the Assembly, one of whom shall be qualified as a  
27 toxicologist and one of whom shall be qualified as a  
28 biochemist.

29 (4) Members of the panel shall be appointed from a  
30 pool of nominees submitted to each appointing body by  
31 the ~~National Academy of Sciences~~ *President of the*  
32 *University of California*. The pool shall include, at a  
33 minimum, three nominees for each discipline  
34 represented on the panel, and shall include only  
35 ~~California residents~~ *individuals who hold, or have held,*  
36 *academic or equivalent appointments at universities and*  
37 *their affiliates in California.*

38 (c) The panel may establish ad hoc committees, which  
39 may include other scientists, to assist it in performing its  
40 functions.



1 (d) Members of the panel, and any ad hoc committee  
 2 established by the panel, shall submit annually a financial  
 3 disclosure statement that includes a listing of income  
 4 received within the preceding three years, including  
 5 investments, grants, and consulting fees derived from  
 6 individuals or businesses which might be affected by  
 7 regulatory actions undertaken by the state board or  
 8 districts pursuant to this chapter. The financial disclosure  
 9 statements submitted pursuant to this subdivision are  
 10 public information. Members of the panel shall be subject  
 11 to the disqualification requirements of Section 87100 of  
 12 the Government Code.

13 (e) Members of the panel shall receive one hundred  
 14 dollars (\$100) per day for attending panel meetings, and  
 15 shall be reimbursed for reasonable and necessary travel  
 16 and other expenses incurred in the performance of their  
 17 duties.

18 (f) The state board and the State Department of  
 19 Health Services, and, in the case of pesticides, the  
 20 Department of Food and Agriculture shall provide  
 21 technical and clerical staff support to the panel.

#### 22 Article 6. Penalties

23  
 24  
 25 39674. (a) Any person who violates any rule or  
 26 regulation, emission limitation, or permit condition  
 27 adopted pursuant to Article 4 (commencing with Section  
 28 39665) is liable for a civil penalty not to exceed ten  
 29 thousand dollars (\$10,000) for each day in which the  
 30 violation occurs.

31 (b) There is no liability under subdivision (a) if the  
 32 person accused of the violation alleges by affirmative  
 33 defense and establishes that the violation is caused by an  
 34 act which was not the result of intentional or negligent  
 35 conduct.

36 *SEC. 2. Article 1.5 (commencing with Section 14021)*  
 37 *is added to Chapter 3 of Division 7 of the Food and*  
 38 *Agricultural Code, to read:*

#### 1 Article 1.5. Pesticides

2  
 3 14021. (a) As used in this article, "pesticide" means  
 4 any economic poison as defined in Section 12753.

5 (b) For purposes of this article, "toxic air  
 6 contaminant" means an air pollutant which may cause or  
 7 contribute to an increase in mortality or an increase in  
 8 serious illness, or which may pose a present or potential  
 9 hazard to human health. Pesticides which have been  
 10 identified as hazardous air pollutants pursuant to Section  
 11 7412 of Title 42 of the United States Code shall be  
 12 identified by the director as toxic air contaminants.

13 14022. (a) In consultation with the State Department  
 14 of Health Services and the State Air Resources Board, the  
 15 director shall evaluate the health effects of pesticides  
 16 which may be or are emitted into the ambient air of  
 17 California and which may be determined to be a toxic air  
 18 contaminant which poses a present or potential hazard to  
 19 human health. Upon request of the State Air Resources  
 20 Board, the director shall include a pesticide for  
 21 evaluation.

22 (b) In conducting this evaluation, the director shall  
 23 consider all available scientific data, including, but not  
 24 limited to, relevant data provided by the State  
 25 Department of Health Services, the Occupational Safety  
 26 and Health Division of the Department of Industrial  
 27 Relations, international and federal health agencies,  
 28 private industry, academic researchers, and public health  
 29 and environmental organizations. At the request of the  
 30 director, the State Air Resources Board shall document  
 31 the level of airborne emissions and the State Department  
 32 of Health Services shall provide an assessment of related  
 33 health effects of pesticides which may be determined to  
 34 pose a present or potential hazard and each agency shall  
 35 provide technical assistance to the department as it  
 36 conducts its evaluation.

37 (c) The director may request, and any person shall  
 38 provide, information on any substance which is or may be  
 39 under evaluation and which is manufactured, distributed,  
 40 or used by the person to whom the request is made, in

**ASSEMBLY BILL**

No. 3792

Introduced by Assembly Member La Follette

February 21, 1986

An act to amend Sections 39603, 39670, 39705, and 39905 of, and to add Section 39671 to, the Health and Safety Code, relating to air pollution.

## LEGISLATIVE COUNSEL'S DIGEST

AB 3792, as introduced, La Follette. State Air Resources Board: advisory committees: compensation.

(1) Under existing law, the State Air Resources Board has general authority to appoint advisory groups and committees, and members receive \$50 per day and expenses for each meeting of the group or committee.

This bill would increase the compensation of members appointed under these provisions to \$100, and would permit the compensation and expenses for attending a meeting of the state board as well as a meeting of the group or committee.

(2) Existing law establishes the Scientific Review Panel on Toxic Air Contaminants composed of 9 members appointed for 3-year terms effective January 1, 1984. The members receive a compensation of \$100 per day and expenses for attending meetings of the panel.

This bill would revise the terms of the panel members by extending the terms of 3 members until January 1, 1988, and 3 until January 1, 1989, as specified, so that the terms of the members will be staggered with 3 terms expiring each year. The bill would also permit the members to receive the compensation and expenses for attending meetings of the state board.

(3) Existing law requires the state board to appoint a screening committee for purposes of air pollution research,

AB 3792

— 2 —

and provides compensation to each member of \$50 per day and expenses for attending a meeting of the committee.

This bill would increase the compensation to \$100 per day, and would provide the compensation and expenses for attending a meeting of the state board as well as a committee meeting.

(4) Existing law establishes the Scientific Advisory Committee on Acid Deposition and provides a compensation of \$100 per day and expenses to the members for attending meetings of the committee.

This bill would provide the compensation and expenses for attending meetings of the state board as well as meetings of the committee.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: no.

*The people of the State of California do enact as follows:*

- 1 SECTION 1. Section 39603 of the Health and Safety  
2 Code is amended to read:  
3 39603. (a) The state board may do both of the  
4 following:  
5 (a)  
6 (1) Contract for technical advisory services and other  
7 services as may be necessary for the performance of its  
8 powers and duties.  
9 (b)  
10 (2) Appoint ~~such~~ advisory groups and committees as  
11 it requires. Members of ~~such~~ committees or advisory  
12 groups shall receive ~~fifty one hundred~~ dollars ~~(~~\$50~~)~~  
13 ~~(~~\$100~~)~~ per day for each day they attend a meeting of the  
14 state board or meet pursuant to a request of the state  
15 board, plus actual and necessary expenses incurred while  
16 performing their duties.  
17 (b) In appointing advisory groups and committees,  
18 the state board may appoint a number of persons  
19 qualified in various fields and disciplines. ~~Such persons~~  
20 ~~who are Persons~~ appointed shall be kept informed of the  
21 issues before the state board and the work pending  
22 before the state board. When the state board desires the

1 advice, in connection with a particular problem or  
 2 problems, of any person so appointed. the ~~chairman~~  
 3 ~~chairperson~~ of the state board may select ~~such that~~  
 4 person to serve as a member of a working group or  
 5 committee for the purpose of providing ~~such the~~ advice.  
 6 After the working group or committee has given its  
 7 advice to the state board, it shall cease to function as a  
 8 working group or committee. The financial  
 9 remuneration specified in ~~this paragraph (2) of~~  
 10 subdivision (a) shall ~~only~~ be available to persons ~~only~~  
 11 during ~~such the~~ time they are serving as members of a  
 12 working group or committee at the request of the state  
 13 board.

14 SEC. 2. Section 39670 of the Health and Safety Code  
 15 is amended to read:

16 39670. (a) A nine-member Scientific Review Panel  
 17 on Toxic Air Contaminants shall be appointed to advise  
 18 the state board and the Department of Food and  
 19 Agriculture in their evaluation of the health effects  
 20 toxicity of substances pursuant to Article 3 (commencing  
 21 with Section 39660) of this chapter and Article 1.5  
 22 (commencing with Section 14021) of Chapter 3 of  
 23 Division 7 of the Food and Agricultural Code.

24 (b) The members of the panel shall be highly qualified  
 25 and professionally active or engaged in the conduct of  
 26 scientific research, and shall be appointed as follows,  
 27 subject to Section 39671, for a term of three years:

28 (1) Five members shall be appointed by the Secretary  
 29 of the Environmental Affairs Agency, one of whom shall  
 30 be qualified as a pathologist, one of whom shall be  
 31 qualified as an oncologist, one of whom shall be qualified  
 32 as an epidemiologist, one of whom shall be qualified as an  
 33 atmospheric scientist, and one who shall have relevant  
 34 scientific experience and shall be experienced in the  
 35 operation of scientific review or advisory bodies.

36 (2) Two members shall be appointed by the Senate  
 37 Committee on Rules, one of whom shall be qualified as a  
 38 biostatistician and one of whom shall be a physician or  
 39 scientist specializing in occupational medicine.

40 (3) Two members shall be appointed by the Speaker

1 of the Assembly, one of whom shall be qualified as a  
 2 toxicologist and one of whom shall be qualified as a  
 3 biochemist.

4 (4) Members of the panel shall be appointed from a  
 5 pool of nominees submitted to each appointing body by  
 6 the President of the University of California. The pool  
 7 shall include, at a minimum, three nominees for each  
 8 discipline represented on the panel, and shall include  
 9 only individuals who hold, or have held, academic or  
 10 equivalent appointments at universities and their  
 11 affiliates in California.

12 (c) The panel may establish ad hoc committees, which  
 13 may include other scientists, to assist it in performing its  
 14 functions.

15 (d) Members of the panel, and any ad hoc committee  
 16 established by the panel, shall submit annually a financial  
 17 disclosure statement that includes a listing of income  
 18 received within the preceding three years, including  
 19 investments, grants, and consulting fees derived from  
 20 individuals or businesses which might be affected by  
 21 regulatory actions undertaken by the state board or  
 22 districts pursuant to this chapter. The financial disclosure  
 23 statements submitted pursuant to this subdivision are  
 24 public information. Members of the panel shall be subject  
 25 to the disqualification requirements of Section 87100 of  
 26 the Government Code.

27 (e) Members of the panel shall receive one hundred  
 28 dollars (\$100) per day for attending panel meetings *and*  
 29 *meetings of the state board*, and shall be reimbursed for  
 30 reasonable and necessary travel and other expenses  
 31 incurred in the performance of their duties.

32 (f) The state board and the State Department of  
 33 Health Services, and, in the case of pesticides, the  
 34 Department of Food and Agriculture shall provide  
 35 technical and clerical staff support to the panel.

36 SEC. 3. Section 39671 is added to the Health and  
 37 Safety Code, to read:

38 39671. (a) The terms of the members of the Scientific  
 39 Review Panel On Toxic Air Contaminants appointed  
 40 pursuant to subdivision (b) of Section 39670 shall be

1 staggered so that the terms of three members expire each  
2 year. To accomplish this, the terms of six members are  
3 extended in the following manner:

4 (1) The term of one member appointed pursuant to  
5 paragraph (1) of subdivision (b) of Section 39670 is  
6 extended until January 1, 1988, and the terms of three  
7 members until January 1, 1989, as designated by the  
8 Secretary of the Environmental Affairs Agency.

9 (2) The term of one member appointed pursuant to  
10 paragraph (2) of subdivision (b) of Section 39670 is  
11 extended until January 1, 1988, as designated by the  
12 Senate Committee on Rules.

13 (3) The term of one member appointed pursuant to  
14 paragraph (3) of subdivision (b) of Section 39670 is  
15 extended until January 1, 1988, as designated by the  
16 Speaker of the Assembly.

17 (4) The terms of the three remaining members shall  
18 expire January 1, 1987. Thereafter, each appointment  
19 shall be for a term of three years, as provided in  
20 subdivision (b) of Section 39670.

21 SEC. 4. Section 39705 of the Health and Safety Code  
22 is amended to read:

23 39705. (a) The state board shall appoint a screening  
24 committee of not to exceed nine persons, the  
25 membership of which may be rotated as determined by  
26 the state board.

27 (b) The committee shall consist of physicians,  
28 scientists, biologists, chemists, engineers, meteorologists,  
29 and other persons who are knowledgeable, technically  
30 qualified, and experienced in air pollution problems for  
31 which projects are being reviewed. The committee shall  
32 review, and give its advice and recommendations with  
33 respect to, all air pollution research projects funded by  
34 the state, including both those conducted by the state  
35 board and those conducted under contract with the state  
36 board.

37 (c) The committee members shall receive ~~forty one~~  
38 ~~hundred dollars~~ ~~(~~\$50~~)~~ (\$100) per day for each day they  
39 attend a meeting of the state board or meet to perform  
40 their duties under this section. In addition to such the

1 compensation, they shall receive their actual and  
2 necessary expenses incurred while performing such  
3 duties.

4 SEC. 5. Section 39905 of the Health and Safety Code  
5 is amended to read:

6 39905. (a) There shall be appointed a nine-member  
7 Scientific Advisory Committee on Acid Deposition to  
8 advise and assist the state board in the design and  
9 implementation of the comprehensive research and  
10 monitoring program required by Section 39906.

11 (b) The members of the scientific advisory committee  
12 shall be recognized experts in scientific and technical  
13 fields related to acid deposition and its causes and effects,  
14 and shall be appointed as follows:

15 (1) Three members shall be appointed by the  
16 Governor, one of whom shall be from the Lawrence  
17 Berkeley Laboratory and one of whom shall be a member  
18 of the research screening committee of the state board.

19 (2) Three members shall be appointed by the Senate  
20 Rules Committee on Rules, one of whom shall be from  
21 the W.M. Keck Laboratory at the California Institute of  
22 Technology and one of whom shall be from the Electric  
23 Power Research Institute.

24 (3) Three members shall be appointed by the Speaker  
25 of the Assembly, one of whom shall be from the Statewide  
26 Air Pollution Research Center at the University of  
27 California, Riverside, and one of whom shall have  
28 experience in or knowledge of the petroleum refining  
29 industry.

30 (c) The scientific advisory committee shall review and  
31 critically evaluate the research results and review, prior  
32 to final action, any reports or recommendations adopted  
33 by the state board.

34 (d) Members of the scientific advisory committee  
35 shall receive one hundred dollars (\$100) per day for  
36 attending meetings of the state board and committee  
37 meetings and shall be reimbursed for reasonable and  
38 necessary travel and other expenses incurred in  
39 performance of their duties.

CHAPTER 1161

An act to amend Sections 39660, 39661, 39662, 39665, 39666, 39670, 39674, and 39675 of, to add Section 39669 to, and to add Article 2.5 (commencing with Section 39656) to, and to repeal and add Article 2 (commencing with Section 39655) of, Chapter 3.5 of Part 2 of Division 26 of, the Health and Safety Code, relating to air pollution.

[Approved by Governor September 29, 1992. Filed with Secretary of State September 30, 1992.]

LEGISLATIVE COUNSEL'S DIGEST

AB 2728, Tanner. Toxic air contaminants.

(1) Existing law (the Governor's Reorganization Plan No. 1 of 1991 which took effect on July 17, 1991) creates the Office of Environmental Health Hazard Assessment and the Department of Pesticide Regulation in the California Environmental Protection Agency administered by the Secretary for Environmental Protection.

This bill would make various statutory changes in provisions relating to toxic air contaminants to conform statutes to the plan.

(2) Existing law requires the State Air Resources Board to adopt airborne toxic control measures to reduce emissions of toxic air contaminants from nonvehicular sources.

This bill would require the state board to identify or designate various substances as toxic air contaminants, and to establish airborne toxic control measures, with reference to federal law, as specified.

The bill would authorize the state board and air pollution control districts and air quality management districts to take prescribed actions to regulate certain toxic air contaminants.

(3) Existing law requires the office to evaluate the health effects of, and prepare recommendations regarding, substances, other than pesticides and their pesticidal use.

This bill would prescribe additional matters to be included in the evaluation.

(4) The bill would delete obsolete provisions.

(5) This bill also makes additional changes proposed by AB 1572, to be operative only if AB 1572 and this bill are both chaptered and become effective on or before January 1, 1993, and this bill is chaptered last.

*The people of the State of California do enact as follows:*

**SECTION 1.** Article 2 (commencing with Section 39655) of Chapter 3.5 of Part 2 of Division 26 of the Health and Safety Code is repealed.

SEC. 2. Article 2 (commencing with Section 39655) is added to Chapter 3.5 of Part 2 of Division 26 of the Health and Safety Code, to read:

Article 2. Definitions

39655. As used in this chapter:

(a) "Toxic air contaminant" means an air pollutant which may cause or contribute to an increase in mortality or in serious illness, or which may pose a present or potential hazard to human health. A substance that is listed as a hazardous air pollutant pursuant to subsection (b) of Section 112 of the federal act (42 U.S.C. Sec. 7412(b)) is a toxic air contaminant. A toxic air contaminant which is a pesticide shall be regulated in its pesticidal use by the Department of Pesticide Regulation pursuant to Article 1.5 (commencing with Section 14021) of Chapter 3 of Division 7 of the Food and Agricultural Code.

(b) "Airborne toxic control measure" means either of the following:

(1) Recommended methods, and, where appropriate, a range of methods, that reduce, avoid, or eliminate the emissions of a toxic air contaminant. Airborne toxic control measures include, but are not limited to, emission limitations, control technologies, the use of operational and maintenance conditions, closed system engineering, design, equipment, or work practice standards, and the reduction, avoidance, or elimination of emissions through process changes, substitution of materials, or other modifications.

(2) Emission standards adopted by the Environmental Protection Agency pursuant to Section 112 of the federal act (42 U.S.C. Sec. 7412).

(c) "Pesticide" means any economic poison as defined in Section 12753 of the Food and Agricultural Code.

(d) "Federal act" means the Clean Air Act (42 U.S.C. 7401 et seq.), as amended by the Clean Air Act Amendments of 1990 (P.L. 101-549), and as the federal act may be further amended.

(e) "Office" means the Office of Environmental Health Hazard Assessment.

SEC. 3. Article 2.5 (commencing with Section 39656) is added to Chapter 3.5 of Part 2 of Division 26 of the Health and Safety Code, to read:

Article 2.5. Coordination With the Federal Act

39656. It is the intent of the Legislature that the state board and the districts implement a program to regulate toxic air contaminants that will enable the state to receive approval to implement and enforce emission standards and other requirements for air pollutants subject to Section 112 of the federal act (42 U.S.C. Sec. 7412). The

state board and the districts may establish a program that is consistent with the requirements for state programs set forth in subsection (l) of Section 112 and Section 502 of the federal act (42 U.S.C. Secs. 7412(l) and 7661a). Nothing in this chapter requires that the program be identical to the federal program for hazardous air pollutants as set forth in the federal act.

39657. (a) Except as provided in subdivision (b), the state board shall identify toxic air contaminants which are emitted into the ambient air of the state using the procedures and following the requirements prescribed by Article 3 (commencing with Section 39660).

(b) The state board shall, by regulation, designate any substance that is listed as a hazardous air pollutant pursuant to subsection (b) of Section 112 of the federal act (42 U.S.C. Sec. 7412(b)) as a toxic air contaminant. A regulation which designates a hazardous air pollutant as a toxic air contaminant shall be deemed to be a regulation mandated by federal law and is not subject to Section 11346.7 of the Government Code, Article 6 (commencing with Section 11349) of Chapter 3.5 of Part 1 of Division 3 of Title 2 of the Government Code, or Article 3 (commencing with Section 39660).

39658. The state board shall establish airborne toxic control measures for toxic air contaminants in accordance with all of the following:

(a) If a substance is identified as a toxic air contaminant pursuant to Article 3 (commencing with Section 39660), the airborne toxic control measure applicable to the toxic air contaminant shall be adopted following the procedures and meeting the requirements of Article 4 (commencing with Section 39665).

(b) If a substance is designated as a toxic air contaminant because it is listed as a hazardous air pollutant pursuant to subsection (b) of Section 112 of the federal act (42 U.S.C. Sec. 7412(b)), the state board shall establish the airborne toxic control measure applicable to the substance as follows:

(1) If an emission standard applicable to the hazardous air pollutant has been adopted by the Environmental Protection Agency pursuant to Section 112 of the federal act (42 U.S.C. Sec. 7412), except as provided in paragraphs (2), (3), and (4), that emission standard adopted pursuant to Section 112 of the federal act (42 U.S.C. Sec. 7412) for the hazardous air pollutant is also the airborne toxic control measure for the toxic air contaminant. The state board shall implement the relevant emission standard and it shall be the airborne toxic control measure for purposes of this chapter. The implementation of the emission standard is not subject to Chapter 3.5 (commencing with Section 11349) of Part 1 of Division 3 of Title 2 of the Government Code or Article 4 (commencing with Section 39665).

(2) If an emission standard applicable to the hazardous air pollutant has been adopted by the Environmental Protection

Agency pursuant to Section 112 of the federal act (42 U.S.C. Sec. 7412) and the state board finds that the emission standard does not achieve the purposes set forth in subdivision (b) or (c), as applicable, of Section 39666, the state board shall adopt an airborne toxic control measure for the toxic air contaminant that it finds will achieve those purposes. The state board shall, when it adopts an airborne toxic control measure pursuant to this paragraph, follow the procedures and meet the requirements of Article 4 (commencing with Section 39665).

(3) If the state board implements an airborne toxic control measure applicable to the substance pursuant to paragraph (1) and later finds that the purposes set forth in subdivision (b) or (c), as applicable, of Section 39666 are not achieved by the airborne toxic control measure, the state board may revise the airborne toxic control measure to achieve those purposes. The state board shall, when it revises an airborne toxic control measure pursuant to this paragraph, follow the procedures and meet the requirements of Article 4 (commencing with Section 39665). The state board may revise an airborne toxic control measure pursuant to this paragraph only if it first finds that the reduction in risk to the public health that will be achieved by the revision justifies the burden that will be imposed on persons who are in compliance with the airborne toxic control measure previously implemented pursuant to paragraph (1).

(4) If an emission standard applicable to the hazardous air pollutant has not been adopted by the Environmental Protection Agency pursuant to Section 112 of the federal act (42 U.S.C. Sec. 7412), the state board may adopt an airborne toxic control measure applicable to the toxic air contaminant pursuant to Article 4 (commencing with Section 39665).

39659. (a) The state board and the districts may adopt regulations which do both of the following:

(1) Impose monitoring requirements, establish procedures for issuing, reissuing, and enforcing permits, and take any other action that may be necessary to establish, implement, and enforce programs for the regulation of hazardous air pollutants which have been listed as toxic air contaminants pursuant to subdivision (b) of Section 39657.

(2) Meet the requirements of subsection (l) of Section 112 and Section 502 of the federal act (42 U.S.C. Secs. 7412(l) and 7661a) and the guidelines and regulations adopted by the Environmental Protection Agency pursuant to those sections.

(b) In adopting regulations pursuant to subdivision (a), the state board and the districts shall, to the extent necessary to ensure that the requirements of the federal act are met, use the definitions contained in subsection (a) of Section 112 of the federal act (42 U.S.C. Sec. 7412(a)).

SEC. 4. Section 39660 of the Health and Safety Code is amended to read:

39660. (a) Upon the request of the state board, the office, in

consultation with and with the participation of the state board, shall evaluate the health effects of and prepare recommendations regarding substances, other than pesticides in their pesticidal use, which may be or are emitted into the ambient air of California and which may be determined to be toxic air contaminants. The request shall be in accordance with an agreement that ensures that the office's workload in implementing this chapter is not increased over that budgeted for the 1991-92 fiscal year. The agreement shall be revised and the office's workload increased if additional budgetary resources are appropriated to the office.

(b) In conducting this evaluation, the office shall consider all available scientific data, including, but not limited to, relevant data provided by the state board, the State Department of Health Services, the Occupational Safety and Health Division of the Department of Industrial Relations, the Department of Pesticide Regulation, international and federal health agencies, private industry, academic researchers, and public health and environmental organizations.

(c) The evaluation shall assess the availability and quality of data on health effects, including potency, mode of action, and other relevant biological factors, of the substance.

The evaluation shall also contain an estimate of the levels of exposure which may cause or contribute to adverse health effects. Where it can be established that a threshold of adverse health effects exists, the estimate shall include both of the following factors:

(1) The exposure level below which no adverse health effects are anticipated.

(2) An ample margin of safety which accounts for the variable effects that heterogeneous human populations exposed to the substance under evaluation may experience, the uncertainties associated with the applicability of the data to human beings, and the completeness and quality of the information available on potential human exposure to the substance. In cases where there is no threshold of significant adverse health effects, the office shall determine the range of risk to humans resulting from current or anticipated exposure to the substance.

(d) The office shall submit its written evaluation and recommendations to the state board within 90 days after receiving the request of the state board pursuant to subdivision (a). The office may, however, petition the state board for an extension of the deadline, not to exceed 30 days, setting forth its statement of the reasons which prevent the office from completing its evaluation and recommendations within 90 days. Upon receipt of a request for extension of, or noncompliance with, the deadline contained in this section, the state board shall immediately transmit to the Assembly Committee on Rules and the Senate Committee on Rules for transmittal to the appropriate standing, select, or joint committee of the Legislature, a statement of reasons for extension of the deadline,

along with copies of the office's statement of reasons which prevent it from completing its evaluation and recommendations in a timely manner.

(e) (1) The state board or a district may request, and any person shall provide, information on any substance which is or may be under evaluation and which is manufactured, distributed, emitted, or used by the person of whom the request is made, in order to carry out its responsibilities pursuant to this chapter. To the extent practical, the state board or a district may collect the information in aggregate form or in any other manner designed to protect trade secrets.

(2) Any person providing information pursuant to this subdivision may, at the time of submission, identify a portion of the information submitted to the state board or a district as a trade secret and shall support the claim of a trade secret, upon the written request of the state board or district board. Subject to Section 1060 of the Evidence Code, information supplied which is a trade secret, as specified in Section 6254.7 of the Government Code, and which is so marked at the time of submission, shall not be released to any member of the public. This section shall not be construed to prohibit the exchange of properly designated trade secrets between public agencies when those trade secrets are relevant and necessary to the exercise of their jurisdiction provided that the public agencies exchanging those trade secrets shall preserve the protections afforded that information by this paragraph.

(3) Any information not identified as a trade secret shall be available to the public unless exempted from disclosure by other provisions of law. The fact that information is claimed to be a trade secret is public information. Upon receipt of a request for the release of information which has been claimed to be a trade secret, the state board or district shall immediately notify the person who submitted the information, and shall determine whether or not the information claimed to be a trade secret is to be released to the public. The state board or district board, as the case may be, shall make its determination within 60 days after receiving the request for disclosure, but not before 30 days following the notification of the person who submitted the information. If the state board or district decides to make the information public, it shall provide the person who submitted the information 10 days' notice prior to public disclosure of the information.

(f) The office and the state board shall give priority to the evaluation and regulation of substances based on factors related to the risk of harm to public health, amount or potential amount of emissions, manner of, and exposure to, usage of the substance in California, persistence in the atmosphere, and ambient concentrations in the community. In determining the importance of these factors, the office and the state board shall consider all of the following information, to the extent that it is available:

(1) Research and monitoring data collected by the state board and

