

State of California
AIR RESOURCES BOARD

Resolution 83-15

June 30, 1983

Agenda Item No.: 83-8-3

WHEREAS, the Air Resources Board (the "Board") is authorized, pursuant to the authority set forth in Health and Safety Code Sections 39600, 39601, and 41704.5 to adopt regulations relating to the control of visible emissions from marine vessels;

WHEREAS, Health and Safety Code Section 41701 prohibits the discharge into the atmosphere of any air contaminant, other than uncombined water vapor, for a period or periods aggregating more than three minutes in any one hour which is as dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, or of an opacity equal to or greater than 40 percent;

WHEREAS, Health and Safety Code Section 41704(j) exempts from the standard specified in Section 41701 emissions from vessels with steam boilers during emergency boiler shutdowns for safety reasons, safety and operational tests required by governmental agencies, and where maneuvering is required to avoid hazards;

WHEREAS, Health and Safety Code Section 41704(k) relaxes the standard specified in Section 41701 until January 1, 1984, for marine vessels with steam boilers during cold boiler light-off operations and while drying wet or green refractory to the extent that such emissions are not as dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, or of an opacity equal to or greater than 40 percent for a period or periods aggregating more than 15 minutes in any one hour;

WHEREAS, Health and Safety Code Section 41704.5 requires the Board to conduct a study to determine whether vessels with steam boilers can be brought into compliance with Section 41701 by January 1, 1984 or earlier, and following completion of such study, to conduct a public hearing to consider and if appropriate, adopt a compliance schedule by which various classes of vessels will be brought into compliance with the standard specified in Section 41701 on and after January 1, 1984;

WHEREAS, the Board has conducted the study in accordance with Section 41704.5 of the Health and Safety Code, approved the report on the results of the study on December 8, 1982, and submitted the report to the Legislature on December 29, 1982;

WHEREAS, the report indicates that the permanent exemption set forth in Section 41704(j) is warranted, but that the relaxation set forth in Section 41704(k) is not warranted beyond January 1, 1984 except as it pertains to certain U.S. Navy vessels that cannot at present be operated in compliance with the standard and that all other vessels can comply with the standard by January 1, 1984;

WHEREAS, the California Environmental Quality Act (CEQA) and Air Resources Board regulations require that an activity not be approved as proposed if there are feasible alternatives or mitigation measures which would significantly reduce any adverse environmental impacts identified;

WHEREAS, the Board has held a duly-noticed public hearing on June 30, 1983, to consider adoption of a compliance schedule for the U.S. Navy vessels which require more time to comply;

WHEREAS, the Board recognizes the need to reduce visible emissions from marine vessels in a cost-effective fashion that will minimize economic hardship and safety hazards;

WHEREAS, the Board recognizes that some air pollution control and air quality management districts have difficult air quality problems that may require the adoption of regulations that are more stringent than state law;

WHEREAS, the Board finds that:

certain U.S. Navy vessels require ship modifications or additional dockside steam to enable them to be operated in compliance with the Section 41701 visible emission standard;

the compliance schedule proposed by staff for those U.S. Navy vessels that cannot at present be operated in compliance with Section 41701 allows the Navy sufficient time to make the necessary ship modifications and to provide additional dockside steam;

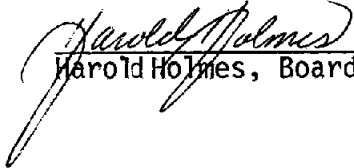
all U.S. Navy vessels should be able to comply with the visible emission standard in Health and Safety Code Section 41701 by January 1, 1986; and

no adverse environmental impacts have been identified with regard to adoption by the Board of a compliance schedule for the specified U.S. Navy vessels;

NOW, THEREFORE, BE IT RESOLVED that the Board approves Subchapter 2.5, Section 85000, for inclusion into Title 17, California Administrative Code, as set forth in Attachment A hereto and directs the Executive Officer to adopt the compliance schedule after making it available to the public for 15 days.

BE IT FURTHER RESOLVED that the Board recognizes and supports the authority of air pollution control and air quality management districts to adopt regulations that are more stringent than state law.

I certify that this is a true and correct copy of Resolution 83-15 as adopted by the Air Resources Board.


Harold Holmes, Board Secretary

PROPOSED ADDITION TO TITLE 17, CALIFORNIA ADMINISTRATIVE CODE

Add Subchapter 2.5, Section 85000 of Title 17, California Administrative Code, to read as follows:

Subchapter 2.5. Compliance Schedule Regarding Visible Emissions from Specified Vessels

85000. Compliance Schedule for United States Navy Vessels.

(a) During the period from January 1, 1984 to January 1, 1986, the visible emission standard set forth in Section 41701 of the Health and Safety Code shall be extended from a period or periods aggregating three minutes in any one hour to a period or periods aggregating fifteen minutes in any one hour for emissions, during the cold light-off of one boiler per vessel, from United States Navy vessels in Navy classes AVT-16, CG-16, CG-26, CV-41, CV-63, CV-60, CV-59, DD-710, ~~DD-931, DD-933,~~ DD-945, ~~DD-948,~~ DDG-2, ~~DDG-31,~~ DDG-37, LSD-28, BB-61, and CV-64.

(b) During the period from January 1, 1984, to January 1, 1985, the visible emission standard set forth in Section 41701 of the Health and Safety Code shall be extended from a period or periods aggregating three minutes in any one hour to a period or periods aggregating nine minutes in any one hour for emission, during the cold light-off of one boiler per vessel, from United States Navy vessels in Navy classes FFG-1, AD-14, ~~DD-743,~~ FF-1040, ~~DD-784,~~ DD-825, ~~DD-876,~~ DD-886, AR-6, AO-146, AVM-1, AE-21, and AE-24.

(c) During the period from January 1, 1985 to January 1, 1986, the visible emission standard set forth in Section 41701 of the Health and Safety Code shall be extended from a period or periods aggregating three minutes in any one hour to a period or periods aggregating six minutes in any one hour for emissions, during the cold light-off of one boiler per vessel, from United States Navy vessels in Navy classes FFG-1, AD-14, DD-743, FF-1040, DD-784, DD-825, DD-876, DD-886, AR-6, AO-146, AVM-1, AE-21, and AE-24, only if sufficient steam at the required pressure is not available at dockside to enable light-off in compliance with the visible emission standard set forth in Section 41701.

NOTE: Authority cited: Sections 39600, 39601, and 41704.5, Health and Safety Code. Reference: Sections 41701, 41704(j), 41704(k), and 41704.5, Health and Safety Code.

State of California
AIR RESOURCES BOARD

Response to Significant Environmental Issues

Item: Public Hearing to Consider Adoption of Subchapter 2.5, Section 85000 into Title 17, California Administrative Code, Regarding Visible Emissions from Certain United States Navy Steam Vessels

Agenda Item No.: 83-8-3

Public Hearing Date: June 29, 1983

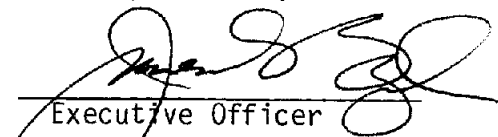
Response Date: August 4, 1983

Issuing Authority: Executive Officer

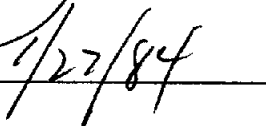
Comment: No comments were received identifying any significant environmental issues pertaining to this item. The staff report identified no adverse environmental impacts, although it provides a compliance schedule that continues relaxation of the state visible emission standard during cold boiler light-off for certain United States Navy vessel classes for a limited time.

Response: Because certain Navy vessels are unable to meet the standard of no more than three minutes of excess visible emissions in any one hour until January 1, 1986, enforcement of the three-minute standard between January 1, 1984, and January 1, 1986, would likely result in the issuance of notices of violation by air pollution control district personnel, but not in reduced emissions.

CERTIFIED:


Executive Officer

Date:


1/27/84

Memorandum

: Gordon Van Vleck
Secretary
Resources Agency

Date : December 7, 1983

Subject: Filing of Notice of
Decisions of the Air
Resources Board

Harold Holmes
Harold Holmes
Board Secretary

From : Air Resources Board

Pursuant to Title 17, Section 60007 (b), and in compliance with Air Resources Board certification under section 21080.5 of the Public Resources Code, the Air Resources Board hereby forwards for posting the attached notice of decision and response to environmental comments raised during the comment period.

ATTACHMENTS

83-14

~~83-15~~

83-16

83-21

83-22

83-24

RECEIVED BY
Office of the Secretary

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Resources Agency of California