



DATE: August 13, 1991

TO: Air Pollution Control Board

SUBJECT: Adoption of Revisions to Rules 127, 128 and 130 - San Diego Air Pollution Emergency Plan

## SUMMARY:

The proposed revisions incorporate changes to the California Air Pollution Emergency Plan adopted by the Air Resources Board in late 1990. The primary change is establishing a new Health Advisory Episode for ozone and carbon monoxide. The ozone Health Advisory Episode is 15 parts per hundred million, 25 percent lower than the current Stage 1 Episode level. The revisions will require notifying sensitive persons, and schools to curtail sustained rigorous outdoor activity when Health Advisory Episode levels are reached. Additional changes have been made for clarity.

## Issue

Should the Board amend Rules 127, 128 and 130 to incorporate revisions to the California Air Pollution Emergency Plan ?

## Recommendation

### AIR POLLUTION CONTROL OFFICER

1. Set September 17, 1991 at 2:00 p.m., as the date and time for public hearing to consider the resolution for amending Rules 127, 128 and 130 of the Rules and Regulations of the San Diego County Air Pollution Control District.
2. Direct the Clerk of the Board to notice the Hearing pursuant to Section 40725 of the State Health and Safety Code.
3. Following the hearing: (a) adopt the resolution amending Rules 127, 128 and 130 and, (b) make appropriate findings of necessity, authority, clarity and consistency, as required by Section 40727 of the State Health and Safety Code.

**SUBJECT: Adoption of Amendments to Rules 127, 128 and 130**

**Advisory Statement**

The Air Pollution Control Advisory Committee will review the proposed revisions at its August 14 meeting. The Board will be advised of the Committee's recommendation at the September 17, 1991 public hearing.

**Fiscal Impact**

Adoption of the proposed amendments will have no fiscal impact on the District.

**Alternatives**

Not adopt the proposed revisions to Rules 127, 128 and 130. This would result in the San Diego County Air Pollution Emergency Plan being less stringent than the California Air Pollution Emergency Plan. The state Air Resources Board would assume the powers of the District for this activity and make the appropriate notifications. Air Resources Board notifications would likely be less timely and efficient than if done by the District.

**BACKGROUND:**

The state Air Pollution Emergency Episode Plan requires public notification when air quality becomes unhealthful to sensitive individuals, and specifies actions to prevent air quality from deteriorating to levels which could endanger public health. State requirements, including air quality levels and required actions, are contained in Regulation VIII (Rules 126-138) of the District's Rules and Regulations. Currently, Regulation VIII requires a Stage I Episode be issued when ozone levels reach twenty parts per hundred million. Historically, this level is reached one or two times per year.

In September, 1990 the California Air Resources Board revised the state Air Pollution Emergency Plan. The primary change was to establish a Health Advisory Episode level for ozone to occur when ozone levels reach fifteen parts per hundred million. A Health Advisory Episode level for carbon monoxide, was also established. When these levels are reached, public notification must take place.

The San Diego County Air Pollution Control District is required to maintain its Air Pollution Emergency Plan consistent with that of the state. The proposed changes incorporate the new Health Advisory Episode levels. When this level is predicted or reached, which is only anticipated for ozone, the District will notify sensitive persons, cities, specified officials and organizations, and the news media. Schools will also be notified that student participation in vigorous outdoor activity should be curtailed. The Health Advisory Episode level for ozone is expected to be reached twenty to twenty-five times per year in San Diego County. It is not expected to be reached for carbon monoxide.

In addition, the term "oxidant" has been changed to the more accurate term "ozone", and reference to particulate matter has been deleted because it is not necessary in San Diego County.

**SUBJECT:** Adoption of Amendments to Rules 127, 128 and 130

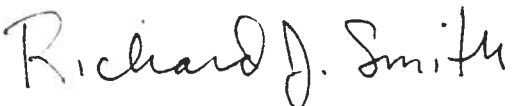
The District is developing a public education program explaining the differences between the existing Stage I Episode and new Health Advisory Episode so the public will not confuse them and think air quality is getting worse because of the greater number of Health Advisory Episodes.

The public workshop on the proposed amendments to Rules 127, 128 and 130 will be held on August 12, 1991. The workshop report and any resulting changes to the rules will be provided to the Board at the August 13, 1991 meeting. This expedited schedule will facilitate adopting the proposed changes and implementing the new Health Advisory Episode program prior to the September/October period when elevated ozone levels are most likely to occur.

Concurrence:

Respectfully submitted,

NORMAN W. HICKEY  
Chief Administrative Officer

  
for R. J. SOMMERVILLE  
Air Pollution Control Officer

**-AIR POLLUTION CONTROL BOARD  
AGENDA ITEM  
INFORMATION SHEET**

**SUBJECT:** Amendment of Rules 127, 128 and 130

**SUPV DIST.:** All

**COUNTY COUNSEL APPROVAL:** Form and Legality ☒ Yes ☐ N/A  
☐ Standard Form ☐ Ordinance ☒ Resolution

**AUDITOR APPROVAL:** ☒ N/A ☐ Yes **4 VOTES:** ☐ Yes ☒ No

**FINANCIAL MANAGEMENT REVIEW:** ☐ Yes ☒ No

**CONTRACT REVIEW PANEL:** ☐ Approved \_\_\_\_\_ ☒ N/A

**CONTRACT NUMBER(S):** N/A

**PREVIOUS RELEVANT BOARD ACTION:** N/A

**BOARD POLICIES APPLICABLE:** N/A

**CITIZEN COMMITTEE STATEMENT:** The Air Pollution Control District Advisory Committee will consider the proposed amendments at its August, 1991 meeting.

**CONCURRENCES:** N/A

**ORIGINATING DEPARTMENT:** Air Pollution Control District

**CONTACT PERSON:** Richard J. Smith 750/694-3303

  
DEPARTMENT AUTHORIZED REPRESENTATIVE

August 13, 1991  
MEETING DATE

Re Rules and Regulations of the  
Air Pollution Control District )  
of San Diego County . . . . . )

**RESOLUTION AMENDING RULES 127, 128 AND 130  
OF REGULATION VIII  
OF THE RULES AND REGULATIONS OF THE  
SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT**

On motion of Member Bailey, seconded by Member Williams the following resolution is adopted:

**WHEREAS**, the San Diego County Air Pollution Control Board, pursuant to Section 40702 of the Health and Safety Code, adopted Rules and Regulations of the Air Pollution Control District of San Diego County; and

**WHEREAS**, said Board now desires to amend said Rules and Regulations; and

**WHEREAS**, notice has been given and a public hearing has been had relating to the amendment of said Rules and Regulations pursuant to Section 40725 of the Health and Safety Code.

**NOW THEREFORE IT IS RESOLVED AND ORDERED** by the San Diego County Air Pollution Control Board that the Rules and Regulations of the Air Pollution Control District of San Diego County be and hereby are amended as follows:

**Proposed amendments to Rules 127, 128 and 130 of Regulation VIII are to read as follows:**

**REGULATION VIII. SAN DIEGO AIR POLLUTION EMERGENCY PLAN**

1. Rule 127 is amended to read as follows:

**RULE 127. EPISODE CRITERIA LEVELS**

The concentrations of air pollutants at which the various episode stages are declared are given in the table below:

Pollutant	Averaging Time	Health Advisory*	Stage 1*	Stage 2*	Stage 3*
Ozone	1 hr.	0.15 ppm (295 µg/m <sup>3</sup> ) or more	0.20 ppm (399 µg/m <sup>3</sup> ) or more	0.35 ppm (698 µg/m <sup>3</sup> ) or more	0.50 ppm (998 µg/m <sup>3</sup> ) or more

Pollutant	Averaging Time	Health Advisory	Stage 1*	Stage 2*	Stage 3*
Carbon Monoxide	1 hr.	40 ppm (47 mg/m <sup>3</sup> ) or more	40 ppm (47 mg/m <sup>3</sup> ) or more	75 ppm (87 mg/m <sup>3</sup> ) or more	100 ppm (116 mg/m <sup>3</sup> ) or more for one hour & predicted to persist for at least one additional hour
Carbon Monoxide	4 hrs.	25 ppm (29 mg/m <sup>3</sup> ) or more	25 ppm (29 mg/m <sup>3</sup> ) or more	45 ppm (50 mg/m <sup>3</sup> ) or more	60 ppm (70 mg/m <sup>3</sup> ) or more
Carbon Monoxide	8 hrs.	15 ppm (17 mg/m <sup>3</sup> ) or more	15 ppm (17 mg/m <sup>3</sup> ) or more	30 ppm (35 mg/m <sup>3</sup> ) or more	40 ppm (47 mg/m <sup>3</sup> ) or more

\* ppm means parts of pollutant per million parts of air, by volume.

µg/m<sup>3</sup> means micrograms of pollutant per cubic meter of air at standard conditions.

mg/m<sup>3</sup> means milligrams of pollutant per cubic meter of air at standard conditions.

2. Rule 128 is amended to read as follows:

#### **RULE 128. EPISODE DECLARATION**

Listed below, in order of increasing severity, are episode stages. Specific actions for each episode stage are contained in Rule 130.

(a) **HEALTH ADVISORY.** A Health Advisory shall be declared by the Air Pollution Control Officer when the concentration of pollutants specified in Rule 127 for this episode level is predicted or reached. People in receptor areas, including exercising individuals, those with respiratory or coronary artery disease and the chronically ill, will be notified through the media to take precautions against exposure. Schools will be notified to curtail student participation in strenuous activities.

(b) **STAGE 1.** A Stage 1 Episode shall be declared by the Air Pollution Control Officer when the concentration of pollutants specified in Rule 127 of this stage is predicted or reached. In addition to notifications, Stage 1 administrative and abatement actions shall be undertaken.

(c) **STAGE 2.** A Stage 2 Episode Advisory shall be declared by the Air Pollution Control Officer when the concentration of pollutants specified in Rule 127 for this stage is predicted or reached. Stage 2 administrative and abatement actions shall be undertaken; however, abatement actions needed will vary depending on the duration of the episode, the maximum concentrations expected and the location of pollutant emission source areas.

(d) **STAGE 3.** A Stage 3 Episode shall be declared when the conditions specified in Rule 127 for this stage are predicted or reached. Extensive actions shall be taken to prevent

exposure of people to pollutant concentrations of the levels indicated for this stage. Stage 3 administrative and abatement actions shall be undertaken. If further action is necessary, the Chairperson of the Air Pollution Control Board or his designee may, in accordance with guidelines determined by the Emergency Action Committee and after consulting with and receiving approval from the Emergency Action Committee, Office of Emergency Services and the California Air Resources Board, request the Governor to take action in accordance with the California Emergency Services Act.

**(e) AIR POLLUTION DISASTER (State of Emergency)**

When it is determined by medical authorities or local officials that a substantial number of persons are suffering or are likely to suffer incapacitating effects from air pollution, regardless of measured pollutant concentrations, and analysis of meteorological and air quality data by the Air Pollution Control District or the California Air Resources Board indicates that the condition is likely to continue or recur, the Chairperson of the Air Resources Board shall confer with the Director of the California Office of Emergency Services, and they shall jointly recommend to the Governor that an air pollution disaster (State of Emergency) be declared.

**3. Rule 130 is amended to read as follows:**

**RULE 130. EPISODE ACTIONS**

When an episode is predicted or reached, the Air Pollution Control Officer shall identify receptor areas which will experience episode levels and emission source areas which will cause or contribute to the episode levels in the receptor areas. On declaration of an episode, the Air Pollution Control Officer shall notify receptor areas of the magnitude and duration of the episode and shall require initiation of abatement actions in applicable areas as outlined below.

**(a) OZONE EPISODES.** The following actions shall be taken by the Air Pollution Control Officer when an episode is reached or predicted, appropriate to the episode.

**(1) HEALTH ADVISORY**

(i) Issue health warnings in accordance with the California Air Pollution Emergency Plan to the public in receptor areas. This will be done through the County radio communications system, electronic news media, the District's Public Information Office, and through other means as appropriate.

(ii) Advise schools in receptor areas that sustained rigorous outdoor exercise for more than one hour by students must be discontinued during the episode.

(iii) Notify officials, news media, and organizations listed in Appendix A.

**(2) STAGE 1.**

(i) Notify officials, new media, and organizations listed in Appendix A.

News media notification will include a request for voluntary motor vehicle traffic curtailment by the public in emission source areas until the episode terminates.

(ii) When an episode is predicted more than eight hours in advance or is reached and predicted to last more than eight hours:

(A) Ask participants in the traffic abatement plan in emission source areas to implement Stage 1 abatement plan provisions.

(B) Ask stationary sources in emission source areas to implement Stage 1 curtailment plan provisions.

(iii) Request the public to avoid emission source and receptor areas.

(iv) Monitor and evaluate meteorological and air quality data until the episode is terminated.

(v) Implement source inspection plans, pursuant to Rule 134.

(3) **STAGE 2.** The following actions shall be taken by the Air Pollution Control Officer in addition to those taken in Stage 1:

(i) Issue a health warning in accordance with the California Air Pollution Emergency Plan to the public in receptor areas. This will be done through the County radio communications system, electronic news media, the District's APPRISE telephone system, and through other means as appropriate.

(ii) Suspend programs in receptor areas which involve outdoor physical exertion by participants using public parks or recreational facilities during the episode. Such programs which are for adult participants in scheduled athletic events with paid attendance are excepted.

(iii) Inform the State Air Resources Board at each third increment (0.05 ppm) between Stages 2 and 3.

(iv) When an episode is predicted more than eight hours in advance or reached and predicted to last more than four hours:

(A) Instruct participants in the traffic abatement plan in emission source areas to implement Stage 2 abatement plan provisions, except operations necessary for the health and welfare of the public.

(B) Instruct participants in the stationary source curtailment plan in emission source areas to initiate Stage 2 curtailment plan provisions, except for operations necessary for the health and welfare of the public.

(C) Prohibit the burning of combustible refuse in the emission source and receptor areas until the episode is terminated.

(D) Prohibit in emission source areas the loading and ballasting resulting in hydrocarbon emissions of ships and barges containing as cargo petroleum products with a Reid vapor pressure greater than 1.5 until the episode is terminated.

(v) Continue source inspection plans, pursuant to Rule 134.

(4) **STAGE 3.** The following actions shall be taken in addition to those taken in Stages 1 and 2:

(i) Issue warnings to describe protective measures to be taken in accordance with the California Air Pollution Emergency Plan.



(ii) Continue source inspection plans, pursuant to Rule 134.

(iii) When an episode is predicted more than eight hours in advance, or reached and predicted to last more than four hours:

(A) Instruct participants in the traffic abatement plan in emission source areas to implement Stage 3 abatement plan provisions except for operations required for emergency reasons.

(B) Instruct participants in the stationary source curtailment plan in source emission areas to implement such plans except for operations required for emergency reasons.

(C) Prohibit in emission source areas commercial and industrial spray painting, and other activities such as tar roofing, asphalt mixing and pouring and surface coating involving use of substantial quantities of volatile organic material.

(b) **CARBON MONOXIDE (CO) EPISODES.** The following actions shall be taken at the direction of the Air Pollution Control Officer when an episode is reached or predicted, appropriate to the episode:

(1) **HEALTH ADVISORY**

(i) Issue health warnings in accordance with the California Air Pollution Emergency Plan to the public in receptor areas. This will be done through the County radio communications system, electronic news media, the District's Public Information Office, and through other means as appropriate.

(ii) Advise schools in receptor areas that sustained rigorous outdoor exercise for more than one-hour by students must be discontinued during the episode.

(iii) Notify officials, news media, and organizations listed in Appendix A.

(2) **Stage 1.**

(i) Issue a health warning in accordance with the California Air Pollution Control Emergency Plan to sensitive persons in receptor areas. This will be done through the County radio communications system, the electronic news media, the District's APPRISE telephone system and through other means as appropriate.

(ii) Advise schools in receptor areas that strenuous activities by students must be discontinued during the episode.

(iii) Notify officials, news media and organizations listed in Appendix C. News media notification will include a request for voluntary motor vehicle curtailment by the public in emission source and receptor areas until the episode terminates.

(iv) **Abatement Actions.**

(A) Ask participants in the traffic abatement plan in emission source and receptor areas to implement Stage 1 abatement plan provisions.

(B) Ask participants in the stationary source curtailment plan to implement Stage 1 curtailment plan provisions in emission source and receptor areas.

(v) Monitor and evaluate meteorological and air quality data until the episode is terminated.

(3) **Stage 2.** The following actions shall be taken by the Air Pollution Control Officer in addition to the actions taken for Stage 1:

(i) Suspend programs which involve outdoor physical exertion by participants using public parks or public recreational facilities in receptor areas. Such programs which are for adult participants in scheduled athletic events with paid attendance are excepted.

(ii) Inform the ARB at each third increment (12 ppm) of the CO concentration difference between Stages 2 and 3.

(iii) Abatement Actions.

(A) Implement the APCD traffic curtailment plan, in emission source and receptor areas, including measures for reducing traffic congestion or turning off motor vehicle engines, when appropriate. Operations which are necessary for the health and welfare of the public are excepted.

(B) Request the public to avoid all but emergency use of motor vehicles in emission source and receptor areas.

(C) Prohibit the burning of combustible refuse in emission source and receptor areas during episodes.

(D) Request the public to avoid receptor areas.

(E) Instruct participants in the traffic abatement plan in emission source and receptor areas to implement Stage 2 abatement plan provisions.

(F) Instruct participants in the stationary source curtailment plan to implement Stage 2 curtailment plan provisions in emission source and receptor areas.

(iv) Inspect as many stationary sources as possible, pursuant to Rule 134.

(4) **Stage 3.** The following actions shall be taken by the Air Pollution Control Officer in addition to the actions taken for Stages 1 and 2:

(i) Issue warnings describing protective measures to be taken in accordance with the California Air Pollution Emergency Plan.

(ii) Implement APCD source inspection plans, pursuant to Rule 134.

(iii) Abatement Action.

(A) Instruct participants in the traffic abatement plan in emission sources and receptor areas to implement Stage 3 abatement plan provisions, except for operations required for emergency reasons.

(B) Instruct participants in the stationary source curtailment plan in emission source and receptor areas to implement Stage 3 curtailment plan provisions, except for operations necessary for emergency reasons.

(C) Instruct combustion sources of CO emissions to shut down in emission source and receptor areas.

(D) If appropriate and feasible, request the public to evacuate the receptor area.

**(c) AIR POLLUTION DISASTER (State of Emergency)**

(1) Notwithstanding the episode actions required of the Air Pollution Control Officer in this Regulation only the Governor of the State of California shall declare an air pollution disaster and order the institution of any health protection and abatement actions he considers necessary.

(2) On declaration of an air pollution disaster (State of Emergency), the Air Pollution Control Officer shall continue maximum Stage 3 abatement actions in accordance with this Regulation; the Air Pollution Control District shall commit all its available resources to the service of the Governor.

(3) The Emergency Action Committee shall meet as soon as possible after the adoption of this Regulation, and thereafter as often as necessary to plan for implementation of possible local administrative and abatement actions, as listed in the California Air Pollution Emergency Plan, that may be required by the Governor on declaration of an air pollution disaster.

(e) After notice from the Air Pollution Control Officer pursuant to the first paragraph of this rule 130, failure to take abatement actions in accordance with traffic abatement and stationary source curtailment plans as approved by the Air Pollution Control Officer shall constitute a violation of these Rules and Regulations.

**IT IS FURTHER RESOLVED AND ORDERED** that the subject amendments to Rules 127, 128 and 130, of Regulation VIII, shall take effect upon adoption.

PASSED AND ADOPTED by the Air Pollution Control District of the County of San Deigo, State of California, this 17th day of September, 1991, by the following vote:

AYES: Members Bilbray, Bailey, Golding, Williams and MacDonald

NOES: Members None

ABSENT: Members None

STATE OF CALIFORNIA)ss  
County of San Diego)

I, THOMAS J. PASTUSZKA, Clerk of the Air Pollution Control District, County of San Diego, State of California, hereby certify that I have compared the foregoing copy with the original resolution passed and adopted by said Board at a regular meeting thereof, at the time and by the vote therein stated, which original resolution is now on file in my office; that the same contains a full, true and correct transcript therefrom and of the whole thereof.

Witness my hand and the seal of the Air Pollution Control District, County of San Diego, State of California, this 16th day of October, 1991.

THOMAS J. PASTUSZKA  
Clerk of the Air Pollution Control  
District

(SEAL)

By Esther C. Ryan  
Esther C. Ryan, Deputy

**CHANGE COPY**

Re Rules and Regulations of the)  
Air Pollution Control District )  
of San Diego County . . . . .)

**RESOLUTION AMENDING RULES 127, 128 AND 130  
OF REGULATION VIII  
OF THE RULES AND REGULATIONS OF THE  
SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT**

On motion of Member \_\_\_\_\_, seconded by Member \_\_\_\_\_ the following resolution is adopted:

**WHEREAS**, the San Diego County Air Pollution Control Board, pursuant to Section 40702 of the Health and Safety Code, adopted Rules and Regulations of the Air Pollution Control District of San Diego County; and

**WHEREAS**, said Board now desires to amend said Rules and Regulations; and

**WHEREAS**, notice has been given and a public hearing has been had relating to the amendment of said Rules and Regulations pursuant to Section 40725 of the Health and Safety Code.

**NOW THEREFORE IT IS RESOLVED AND ORDERED** by the San Diego County Air Pollution Control Board that the Rules and Regulations of the Air Pollution Control District of San Diego County be and hereby are amended as follows:

**Proposed amendments to Rules 127, 128 and 130 of Regulation VIII are to read as follows:**

**REGULATION VIII. SAN DIEGO AIR POLLUTION EMERGENCY PLAN**

**1. Rule 127 is amended to read as follows:**

**RULE 127. EPISODE CRITERIA LEVELS**

The concentrations of air pollutants at which the various episode stages are declared are given in the table below:

Pollutant	Averaging Time	Health Advisory*	Stage 1*	Stage 2*	Stage 3*
Oxidant as Ozone	1 hr.	<u>0.15 ppm</u> (295 µg/m <sup>3</sup> ) or more	0.20 ppm (399 µg/m <sup>3</sup> ) or more	0.35 ppm (698 µg/m <sup>3</sup> ) or more	0.50 ppm (998 µg/m <sup>3</sup> ) or more
Carbon Monoxide	1 hr.	<u>40 ppm</u> (47 mg/m <sup>3</sup> ) or more	40 ppm (47 mg/m <sup>3</sup> ) or more	75 ppm (87 mg/m <sup>3</sup> ) or more	100 ppm (116 mg/m <sup>3</sup> ) or more for one hour & predicted to persist for at least one additional hour
Carbon Monoxide	4 hrs.	<u>25 ppm</u> (29 mg/m <sup>3</sup> ) or more	25 ppm (29 mg/m <sup>3</sup> ) or more	45 ppm (50 mg/m <sup>3</sup> ) or more	60 ppm (70 mg/m <sup>3</sup> ) or more
Carbon Monoxide	8 hrs.	<u>15 ppm</u> (17 mg/m <sup>3</sup> ) or more	15 ppm (17 mg/m <sup>3</sup> ) or more	30 ppm (35 mg/m <sup>3</sup> ) or more	40 ppm (47 mg/m <sup>3</sup> ) or more
Particulate Matter	24 hrs.		375 µg/m <sup>3</sup> or more	625 µg/m <sup>3</sup> or more	875 µg/m <sup>3</sup> or more

\* ppm means parts of pollutant per million parts of air, by volume.

µg/m<sup>3</sup> means micrograms of pollutant per cubic meter of air at standard conditions.

mg/m<sup>3</sup> means milligrams of pollutant per cubic meter of air at standard conditions.

2. Rule 128 is amended to read as follows:

#### **RULE 128. EPISODE DECLARATION**

Listed below, in order of increasing severity, are episode stages, ~~in which various actions are specified.~~ Specific actions for each episode stage are contained in Rule 130.

(a) **HEALTH ADVISORY.** A Health Advisory shall be declared by the Air Pollution Control Officer when the concentration of pollutants specified in Rule 127 for this episode level is predicted or reached. People in receptor areas, including exercising individuals, those with respiratory or coronary artery disease and the chronically ill, will be notified through the media to take precautions against exposure. Schools will be notified to curtail student participation in strenuous activities.

~~(a)-(b)~~ **STAGE 1.** A Stage 1 Episode shall be declared by the Air Pollution Control Officer when the concentration of pollutants specified in Rule 127 of this stage is predicted or reached.

~~Persons with respiratory or coronary artery disease, the chronically ill, the exercising young, and healthy adults who feel effects will be notified through the media to take precautions against exposure. Schools will be notified to curtail student participation in strenuous activities. In addition to notifications,~~ Stage 1 administrative and abatement actions shall be undertaken.

~~(b)(c)~~ **STAGE 2.** A Stage 2 Episode Advisory shall be declared by the Air Pollution Control Officer when the concentration of pollutants specified in Rule 127 for this stage is predicted or reached. Stage 2 administrative and abatement actions shall be undertaken; however, abatement actions needed will vary depending on the duration of the episode, the maximum concentrations expected and the location of pollutant emission source areas.

~~(e)(d)~~ **STAGE 3.** A Stage 3 Episode shall be declared when the conditions specified in Rule 127 for this stage are predicted or reached. Extensive actions shall be taken to prevent exposure of people to pollutant concentrations of the levels indicated for this stage. Stage 3 administrative and abatement actions shall be undertaken. If further action is necessary, the Chairperson of the Air Pollution Control Board or his designee may, in accordance with guidelines determined by the Emergency Action Committee and after consulting with and receiving approval from the Emergency Action Committee, Office of Emergency Services and the California Air Resources Board, request the Governor to take action in accordance with the California Emergency Services Act.

~~(d)(e)~~ **AIR POLLUTION DISASTER (State of Emergency)**

When it is determined by medical authorities or local officials that a substantial number of persons are suffering or are likely to suffer incapacitating effects from air pollution, regardless of measured pollutant concentrations, and analysis of meteorological and air quality data by the Air Pollution Control District or the California Air Resources Board indicates that the condition is likely to continue or recur, the Chairperson of the Air Resources Board shall confer with the Director of the California Office of Emergency Services, and they shall jointly recommend to the Governor that an air pollution disaster (State of Emergency) be declared.

**3. Rule 130 is amended to read as follows:**

**RULE 130. EPISODE ACTIONS**

When an episode is predicted or reached, the Air Pollution Control Officer shall identify receptor areas which will experience episode levels and emission source areas which will cause or contribute to the episode levels in the receptor areas. On declaration of an episode, the Air Pollution Control Officer shall notify receptor areas of the magnitude and duration of the episode and shall require initiation of abatement actions in applicable areas as outlined below.

(a) **OZONE OXIDANT EPISODES.** The following actions shall be taken by the Air Pollution Control Officer when an episode is reached or predicted, appropriate to the episode.

**(1) HEALTH ADVISORY**

**(i) Issue health warnings in accordance with the California Air Pollution Emergency Plan to the public in receptor areas. This will be done through the County radio communications system, electronic news media, the District's Public Information Office, and through other means as appropriate.**

(ii) Advise schools in receptor areas that sustained rigorous outdoor exercise for more than one hour by students must be discontinued during the episode.

(iii) Notify officials, news media, and organizations listed in Appendix A.

**(1)(2) STAGE 1.**

~~(i) Issue health warnings in accordance with the California Air Pollution Emergency Plan to sensitive persons in receptor areas. This will be done through the County radio communications system, electronic news media, the District's APPRISE telephone system, and through other means as appropriate.~~

~~(ii) Advise schools in receptor areas that strenuous outdoor activities by students must be discontinued during the episode.~~

~~(iii) (i) Notify officials, new media, and organizations listed in Appendix A.~~

News media notification will include a request for voluntary motor vehicle traffic curtailment by the public in emission source areas until the episode terminates.

~~(vi) (ii)~~ When an episode is predicted more than eight hours in advance or is reached and predicted to last more than eight hours:

(A) Ask participants in the traffic abatement plan in emission source areas to implement Stage 1 abatement plan provisions.

(B) Ask stationary sources in emission source areas to implement Stage 1 curtailment plan provisions.

~~(vi) (iii)~~ Request the public to avoid emission source and receptor areas.

~~(vi) (iv)~~ Monitor and evaluate meteorological and air quality data until the episode is terminated.

(v) Implement source inspection plans, pursuant to Rule 134.

**(2) (3) STAGE 2.** The following actions shall be taken by the Air Pollution Control Officer in addition to those taken in Stage 1:

(i) Issue a health warning, in accordance with the California Air Pollution Emergency Plan to the public sensitive persons and those displaying reaction symptoms in receptor areas. This will be done through the County radio communications system, electronic news media, the District's APPRISE telephone system, and through other means as appropriate.

(ii) Suspend programs in receptor areas which involve outdoor physical exertion by participants using public parks or recreational facilities during the episode. Such programs which are for adult participants in scheduled athletic events with paid attendance are excepted.

(iii) Inform the State Air Resources Board at each third increment (0.05 ppm) between Stages 2 and 3.



(iv) When an episode is predicted more than eight hours in advance or reached and predicted to last more than four hours:

(A) Instruct participants in the traffic abatement plan in emission source areas to implement Stage 2 abatement plan provisions, except operations necessary for the health and welfare of the public.

(B) Instruct participants in the stationary source curtailment plan in emission source areas to initiate Stage 2 curtailment plan provisions, except for operations necessary for the health and welfare of the public.

(C) Prohibit the burning of combustible refuse in the emission source and receptor areas until the episode is terminated.

(D) Prohibit in emission source areas the loading and ballasting resulting in hydrocarbon emissions of ships and barges containing as cargo petroleum products with a Reid vapor pressure greater than 1.5 until the episode is terminated.

(v) ~~Continue Inspect as many stationary sources inspection plans as possible,~~ pursuant to Rule 134.

~~(3)~~ (4) **STAGE 3.** The following actions shall be taken in addition to those taken in Stages 1 and 2:

(i) Issue warnings to describe protective measures to be taken in accordance with the California Air Pollution Emergency Plan.

(ii) ~~Continue Implement APCD~~ source inspection plans, pursuant to Rule 134.

(iii) When an episode is predicted more than eight hours in advance, or reached and predicted to last more than four hours:

(A) Instruct participants in the traffic abatement plan in emission source areas to implement Stage 3 abatement plan provisions except for operations required for emergency reasons.

(B) Instruct participants in the stationary source curtailment plan in source emission areas to implement such plans except for operations required for emergency reasons.

(C) Prohibit in emission source areas commercial and industrial spray painting, and other activities such as tar roofing, asphalt mixing and pouring and surface coating involving use of substantial quantities of volatile organic material.

(b) **CARBON MONOXIDE (CO) EPISODES.** The following actions shall be taken at the direction of the Air Pollution Control Officer when an episode is reached or predicted, appropriate to the episode:

**(1) HEALTH ADVISORY**

(i) Issue health warnings in accordance with the California Air Pollution Emergency Plan to the public in receptor areas. This will be done through the County radio communications system, electronic news media, the District's Public Information Office, and through other means as appropriate.

(ii) Advise schools in receptor areas that sustained rigorous outdoor exercise for more than one-hour by students must be discontinued during the episode.

(iii) Notify officials, news media, and organizations listed in Appendix A.

**(2)(1) Stage 1.**

(i) Issue a health warning in accordance with the California Air Pollution Control Emergency Plan to sensitive persons in receptor areas. This will be done through the County radio communications system, the electronic news media, the District's APPRISE telephone system and through other means as appropriate.

(ii) Advise schools in receptor areas that strenuous activities by students must be discontinued during the episode.

(iii) Notify officials, news media and organizations listed in Appendix C. News media notification will include a request for voluntary motor vehicle curtailment by the public in emission source and receptor areas until the episode terminates.

(iv) Abatement Actions.

(A) Ask participants in the traffic abatement plan in emission source and receptor areas to implement Stage 1 abatement plan provisions.

(B) Ask participants in the stationary source curtailment plan to implement Stage 1 curtailment plan provisions in emission source and receptor areas.

(v) Monitor and evaluate meteorological and air quality data until the episode is terminated.

**(3)(2) Stage 2.** The following actions shall be taken by the Air Pollution Control Officer in addition to the actions taken for Stage 1:

(i) Suspend programs which involve outdoor physical exertion by participants using public parks or public recreational facilities in receptor areas. Such programs which are for adult participants in scheduled athletic events with paid attendance are excepted.

(ii) Inform the ARB at each third increment (12 ppm) of the CO concentration difference between Stages 2 and 3.

(iii) Abatement Actions.

(A) Implement the APCD traffic curtailment plan, in emission source and receptor areas, including measures for reducing traffic congestion or

turning off motor vehicle engines, when appropriate. Operations which are necessary for the health and welfare of the public are excepted.

(B) Request the public to avoid all but emergency use of motor vehicles in emission source and receptor areas.

(C) Prohibit the burning of combustible refuse in emission source and receptor areas during episodes.

(D) Request the public to avoid receptor areas.

(E) Instruct participants in the traffic abatement plan in emission source and receptor areas to implement Stage 2 abatement plan provisions.

(F) Instruct participants in the stationary source curtailment plan to implement Stage 2 curtailment plan provisions in emission source and receptor areas.

(iv) Inspect as many stationary sources as possible, pursuant to Rule 134.

~~(4)~~(3) **Stage 3.** The following actions shall be taken by the Air Pollution Control Officer in addition to the actions taken for Stages 1 and 2:

(i) Issue warnings describing protective measures to be taken in accordance with the California Air Pollution Emergency Plan.

(ii) Implement APCD source inspection plans, pursuant to Rule 134.

(iii) Abatement Action.

(A) Instruct participants in the traffic abatement plan in emission sources and receptor areas to implement Stage 3 abatement plan provisions, except for operations required for emergency reasons.

(B) Instruct participants in the stationary source curtailment plan in emission source and receptor areas to implement Stage 3 curtailment plan provisions, except for operations necessary for emergency reasons.

(C) Instruct combustion sources of CO emissions to shut down in emission source and receptor areas.

(D) If appropriate and feasible, request the public to evacuate the receptor area.

(e) **~~PARTICULATE MATTER EPISODES:~~** The following actions shall be taken by the Air Pollution Control Officer when an episode is predicted or has been reached, and is expected to remain at such levels for 12 or more hours:

~~(1) Declare appropriate episode level, emission source areas, and receptor areas;~~

~~(2) Notify officials, news media, and organizations listed in Appendix A when an episode is predicted, reached or terminated.~~

**(c)(d) AIR POLLUTION DISASTER (State of Emergency)**

(1) Notwithstanding the episode actions required of the Air Pollution Control Officer in this Regulation only the Governor of the State of California shall declare an air pollution disaster and order the institution of any health protection and abatement actions he considers necessary.

(2) On declaration of an air pollution disaster (State of Emergency), the Air Pollution Control Officer shall continue maximum Stage 3 abatement actions in accordance with this Regulation; the Air Pollution Control District shall commit all its available resources to the service of the Governor.

(3) The Emergency Action Committee shall meet as soon as possible after the adoption of this Regulation, and thereafter as often as necessary to plan for implementation of possible local administrative and abatement actions, as listed in the California Air Pollution Emergency Plan, that may be required by the Governor on declaration of an air pollution disaster.

(e) After notice from the Air Pollution Control Officer pursuant to the first paragraph of this rule 130, failure to take abatement actions in accordance with traffic abatement and stationary source curtailment plans as approved by the Air Pollution Control Officer shall constitute a violation of these Rules and Regulations.

**IT IS FURTHER RESOLVED AND ORDERED** that the subject amendments to Rules 127, 128 and 130, of Regulation VIII, shall take effect upon adoption.

**PASSED AND ADOPTED** by the Air Pollution Control Board of the San Diego County Air Pollution Control District, State of California, this \_\_\_\_\_ day of \_\_\_\_\_, 1991 by the following votes:

**AYES:**  
**NOES:**  
**ABSENT:**

## **RULES 127, 128 AND 130**

### **AIR POLLUTION EMERGENCY EPISODE PLAN**

#### **WORKSHOP REPORT**

A workshop notice was mailed to all school districts, media and facilities potentially impacted by these revisions. Notices were also mailed to all Economic Development Corporations and Chambers of Commerce in San Diego County, the U.S. Environmental Protection Agency (EPA), the California Air Resources Board (ARB) and other interested parties. The workshop was held on August 12, 1991. The comments and District responses are as follows:

#### **WORKSHOP COMMENT:**

Rule 130 states notification will be made "...through other means as appropriate." Does this include notification to the hearing or sight impaired?

#### **DISTRICT RESPONSE:**

At present the District notification process does not have any special provisions for the hearing or sight impaired.

#### **WORKSHOP COMMENT:**

Do these changes have any impact on our traffic abatement plan?

#### **DISTRICT RESPONSE:**

The proposed revisions do not impose any new or additional requirements on curtailment of vehicular traffic.

#### **WORKSHOP COMMENT:**

Is there any provision for notification of retirement or convalescent homes?

#### **DISTRICT RESPONSE:**

Presently the District does not notify these types of facilities when air pollution episode levels are reached. However, we will contact the operators of these types of facilities to determine if this practice should be modified.

#### **ARB COMMENT:**

Regarding proposed changes to Rule 127 EPISODE CRITERIA LEVELS: an explanation is needed regarding deletion of the Particulate Matter Episode criteria.

#### **DISTRICT RESPONSE:**

Based on maximum particulate levels measured in San Diego County, according to EPA classification and priority criteria, no particulate matter Air Pollution Emergency Episode Plan is required for San Diego County.

**ARB COMMENT:**

In Rule 130, the criteria for instituting abatement action should be revised.

**DISTRICT RESPONSE:**

The District will consider this revision when future revisions to this rule are proposed.

**ARB COMMENT:**

Various sections of Rule 130 which are currently not being revised should undergo minor revisions to clarify the intent of the District when Stage 1 and Stage 2 Episodes are reached.

**DISTRICT RESPONSE:**

While these changes will not be undertaken at the present time, they will be considered when this rule is revised in the future.

**ARB COMMENT:**

The wording in Rule 130 Section (b)(1)(i) should be revised from "warning" to "advisory."

**DISTRICT RESPONSE:**

Rule 130 has been revised to include a section on the Carbon Monoxide Health Advisory.