

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

DIVISION OF AIR AND WASTE MANAGEMENT

Statutory Authority: 7 Delaware Code, Chapter 60, (7 Del.C. Ch. 60)

PROPOSED

1115 Air Pollution Alert and Emergency Plan

~~Regulation No. 15~~ 1115 Air Pollution Alert and Emergency Plan

07/17/1984

~~Section 1~~

1.0 General Provisions

- 1.1 Air Pollution Emergency Plans are required to assure that during adverse weather conditions air contaminants in the atmosphere shall not increase in concentration to a degree that would be detrimental to the health, welfare and safety of the population.
- 1.2 Whenever the Department determines that the conditions of ~~Section 2.0 of this regulation~~ have been met at any single air quality monitoring station in the State of Delaware, the applicable stage of this plan shall be declared by the Department for that Air Quality Region in which the monitoring station is located.
- 1.3 To assure compliance with this regulation, sources designated by the Department shall submit standby plans in accordance with ~~Section 4 4.0~~ of this regulation.

03/29/1988

~~Section 2~~

2.0 Stages and Criteria

- 2.1 Air Pollution Watch - An Air Pollution Watch shall be activated by the Department when the National Weather Service issues an Air Stagnation Advisory which includes areas of the State of Delaware or when the Department Meteorologist forecasts an air stagnation period for the State, and when such air stagnation is forecast to continue for the next 36 hours.
- 2.2 Alert-Stage I - An Alert-State I status shall be declared when any one of the following conditions occur at any air quality monitoring station in the State of Delaware and when a condition of air stagnation is forecast to continue for at least an additional ~~twelve~~ 12 hours:
 - 2.2.1 ~~a.~~ The ~~6~~ six-hour average concentration of sulfur dioxide is equal to or exceeds 0.30 parts per million.
 - 2.2.2 ~~b.~~ The 24-hour average of total suspended particulates is equal to or exceeds $375 \mu\text{g}/\text{m}^3$.
 - 2.2.3 ~~c.~~ The product of the 24-hour average ambient air concentration of sulfur dioxide in $\mu\text{g}/\text{m}^3$ and the 24-hour average total suspended particulates in mg/m^3 is equal to or exceeds 65×10^3 .
 - 2.2.4 ~~d.~~ The 24-hour average of PM_{10} is equal to or exceeds $350 \mu\text{g}/\text{m}^3$.
- 2.3 Alert-Stage II - An Alert-Stage II status shall be declared when any one of the following conditions occur at any air quality monitoring station in the State of Delaware and when a condition of air stagnation is forecast to continue for at least an additional ~~twelve~~ 12 hours.
 - 2.3.1 ~~a.~~ The ~~6~~ six-hour average concentration of sulfur dioxide is equal to or exceeds 0.50 parts per million.
 - 2.3.2 ~~b.~~ The 24-hour average of total suspended particulates is equal to or exceeds $625 \mu\text{g}/\text{m}^3$.