

ALLEGHENY COUNTY HEALTH DEPARTMENT

IN RE:

PA Dept. of Corrections) ENFORCEMENT ORDER
P.O. Box 598) NO. 244
Camp Hill, PA 17001)

AND NOW, this 23rd day of January, 1997,

WHEREAS, the Allegheny County Health Department, (hereafter referred to as "Department"), has determined that the Pennsylvania Department of Corrections (hereafter referred to as "DOC"), P. O. Box 598 Camp Hill, Cumberland County, PA 17001, is the owner and operator of a state correctional institute located at Pittsburgh, Allegheny County, PA 15233 (hereafter referred to as "the facility"), is a major stationary source of oxides of nitrogen (hereafter referred to as "NO_x") emissions as defined in Section 2101.20 of Article XXI, Rules and Regulations of the Allegheny County Health Department, Air Pollution Control (hereafter referred to as "Article XXI"); and

WHEREAS, the Department has determined that Section 2105.06.a. of Article XXI, entitled "Major Sources of NO_x & Volatile Organic Compounds" is applicable to DOC's operations at this facility; and

WHEREAS, DOC promptly submitted to the Department all documents required by Section 2105.06.b of Article XXI (hereafter referred to as "the proposal"); and

WHEREAS, the Department, after a review of the submitted proposal, has determined it to be complete; and

WHEREAS, the Department has further determined, after review of the submitted proposal, that it constitutes Reasonably Available Control Technology (hereafter referred to as "RACT") for control of NO_x emissions from DOC; and

WHEREAS, the Department shall submit contents of the proposal to the U.S. EPA as a revision to the Commonwealth of Pennsylvania's State Implementation Plan (hereafter referred to as "SIP"); and

WHEREAS, pursuant to Section 2109.03 of Article XXI, whenever the Director of the Allegheny County Health Department or his designated representative finds, on the basis of any information available to him, that any source is being operated in violation of any provision of Article XXI, he may order the person or persons responsible for the source to comply with Article XXI or he may order the immediate shutdown of the source or any part thereof; and

NOW, THEREFORE, this day first written above, the Department, pursuant to Section 2109.03 of Article XXI, and upon agreement of the parties as hereinafter set forth, hereby issues this Enforcement Order No. 244:

I. ORDER

1.1.1. At no time shall DOC allow Boilers #1, #2, and #3 at the facility to operate unless an annual adjustment or "tuneup" is performed on the combustion process. Such annual adjustment, or "tuneup" shall include, but not be limited to:

- a.) Inspection, adjustment, cleaning, or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer;
- b.) Inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of NO_x , and to the extent practicable minimize emissions of carbon monoxide (hereafter referred as "CO"); and
- c.) Inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration and operation as specified by the manufacturer.

1.2. At no time shall DOC allow any time process operations at the facility unless the following records, at a minimum, are contained in the facility's operating record for Boilers #1, #2, #3, :

- a.) the date of the adjustment procedure;
- b.) the name of the service company and technicians;
- c.) the operating rate or load after adjustment;
- d.) the CO and NO_x emission rate after adjustment; and
- e.) the excess oxygen rate after adjustment.

1.3. At no time shall DOC allow the following equipment at the facility to operate unless each piece of listed equipment is being maintained and operated in accordance with good engineering practice and within the manufacturer's specifications:

- a.) Boilers no. 1, 2, 3 and 4

1.4. The DOC shall at all times maintain the records specified in this Order to demonstrate compliance with the requirements of both Section 2105.06

Article XXI and this Order.

- 1.5. DOC shall at all times maintain records of fuel type and usage for each combustion unit.
- 1.6. DOC shall retain all records required by both Section 2105.06 of Article XXI and this Order for the facility for at least two (2) years and shall make the same available to the Department upon request. DOC shall retain the right to limit distribution of such records if there are security related concerns.
- 1.7. The contents of this Order shall be submitted to the U.S. Environmental Protection Agency as a revision to Allegheny County's portion of the Commonwealth of Pennsylvania's State Implementation Plan.
- 1.8. Failure to comply with any portion of this Order within the times specified herein, is a violation of Article XXI giving rise to the remedies provided by Section 2109.02 of Article XXI, that may subject DOC to criminal and civil proceedings, including injunctive relief, by the Department.

1.9. This Order does not, in any way, preclude, limit or otherwise affect any other remedies available to the Department for violations of this Order or of Article XXI, including, but not limited to, actions to require the installation of additional pollution control equipment and the implementation of additional corrective operating practices.

1.10. This Order shall be enforceable upon issuance. If DOC is aggrieved by all or any part of this Order, DOC has the right to file a Notice of Appeal within ten (10) days of service in accordance with Article XXI. This Order shall become final ten (10) days after service if no appeal has been perfected within that period. Appeal of this Order shall not act as a stay unless so ordered by the Director of the Department.

ALLEGHENY COUNTY HEALTH DEPARTMENT

By: Bruce W. Dixon 1/23/92

Bruce W. Dixon, M.D., Director
Allegheny County Health Department

and By: Thomas J. Puzniak

Thomas J. Puzniak, Manager Engineering
Air Quality Program