

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
SOUTHWEST REGION - FIELD OPERATIONS
AIR QUALITY CONTROL
400 WATERFRONT DRIVE
PITTSBURGH, PENNSYLVANIA 15222-4745

NOV 14 1994

RACT PLAN APPROVAL

Permit No.:03-000-125

Source :Nat gas reciprocating engines

Owner :The Peoples Natural Gas Company

Air :
Cleaning:
Devices :

Address :R.D. #5
Kittanning, PA 16201

Attention :Lewis M. Wetzel
General Manager, Eng. & Opr. Services

Plant :Valley Station
Location:Cowanshannock Townsh
County :Armstrong

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the Rules and Regulations of the Department of Environmental Resources, the Department on October 31, 1994 approved plans for the the above indicated air contamination source(s).

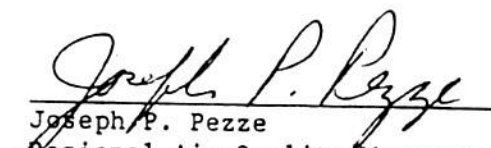
~~This PLAN APPROVAL expires 05/31/95~~

The plan approval is subject to the following conditions:

1. The air cleaning device is to be installed in accordance with the plans submitted with the application (as approved herein).
2. Upon completion of the installation of the above indicated air cleaning device a operating permit must be obtained from the person noted below.
3. See attached.

Notify the person noted below when the installation is completed so that the source can be inspected for issuance of an OPERATING PERMIT.

NOTE: Thomas Joseph
Engineering Services
(412) 442-4000


Joseph P. Pezze
Regional Air Quality Manager
Southwest Region

11/14/94
EPA, REGION III

The Peoples Natural Gas Company
 RACT Plan Approval: 03-000-125

Special Conditions

3. This RACT Plan Approval is for the installation of Pre-stratified Charge and Original Equipment Manufacturers' type lean combustion controls on Unit 1, 3, and 4 at the Peoples Natural Gas Valley compressor station located in Cowanshannock Township, Armstrong County.
4. Emission limits for the sources at this facility are established as follows:

		Emission Limits (lbs/hr tons/yr)							
		<u>Model No.</u>	<u>NOx</u>		<u>CO</u>		<u>NMHC</u>		
Unit #1, I-R	62-KVG	8.7		38.2	4.4		19.3	2.2	9.7
Unit #2, I-R	62-KVG	15.9		4.0	1.5		1.0	0.8	0.5
Unit #3, I-R	48-KVS	17.4		76.2	8.8		38.6	4.4	19.3
Unit #4, C-B	GMV-6	7.9		34.7	4.0		17.6	2.0	8.8
Unit #5, C-B	GMV-4	13.9		60.7	1.8		7.9	0.9	4.0

5. PNG shall implement the RACT Plan in accordance with the schedule contained in the proposal.
6. Stack testing to determine the emission rate of NOx as NO2, CO, and NMHC shall be performed on units 1-5 ~~within 60 days of startup of the last unit or by May 31, 1995, whichever comes first.~~
7. PNG shall submit a pre-test protocol to the Department for approval at least 30 days prior to the stack test.
8. Stack testing shall be performed in accordance with 25 Pa. Code Chapter 139 regulations and the Department's Source Testing Manual.
9. The Department shall be notified at least two weeks in advance of the date and time of the stack test so that an observer may be present.
10. Two copies of the stack test results shall be supplied to the Department for review within 60 days of completion of testing.
11. The Department reserves the right to revise the emission limits established above based actual emission rates.

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Special Conditions

12. Unit 2 shall not operate in excess of 5% of the annual capacity factor for that engine.
13. This Plan Approval authorizes temporary operation of the source(s) covered by this Plan Approval provided the following conditions are met.
 - (a) The Department must receive written notice from the Owner/Operator of the completion of construction and the operator's intent to commence operation at least five (5) working days prior to the completion of construction. The notice should state when construction will be completed and when the Operator expects to commence operation.
 - (b) Operation is authorized only to facilitate the start-up and shake-down of sources and air cleaning devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the source(s) for compliance with all applicable regulations and requirements.
 - (c) This condition authorizes temporary operation of the source(s) for a period of 180 days from the date of commencement of operation, provided the Department receives notice from the Owner/Operator pursuant to subpart (a), above.
 - (d) The Owner/Operator may request an extension if compliance with all applicable regulations and Plan Approval requirements has not been established. The extension request shall be submitted in writing at least 15 days prior to the end of this period of temporary operation and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established.
 - (e) The notice submitted by the Owner/Operator pursuant to subpart (a), above, prior to the expiration of this Plan Approval, shall modify the plan approval expiration date. The new plan approval expiration date shall be 180 days from the date of the written notice.

