

The Commission, having considered the following Applications for Permit submitted by the following respective firms and having reviewed the staff recommendations and the Summary Reports attached hereto does hereby approve said Applications subject to the conditions contained with the Application, Summary Reports, or amendments thereto, and Subsection 4(d) of the Arkansas Plan of Implementation; provided, however, that the applicant complies with all general terms of the permit and all special terms and conditions to the permit, if any, which are so specified.

APPLICATION FOR PERMIT - PROCESS CONTROL EQUIPMENT

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
322-A	Process Engineers, Inc. Pine Bluff, Arkansas	\$ 21,000
267-A Modification	Reynolds Metals Company Bauxite, Arkansas	\$550,000

The Summary Reports, prepared by the staff, are designed to facilitate the administration of the air pollution control program for the State of Arkansas and, otherwise, for the convenience of the Commission and other interested persons. Copies of the Minute Orders, the Permits, and the Summary Reports are to be attached to the Applications for Permit which are on file in the Department's central office. It is further noted that the approvals of these applications are based upon information contained within the Application for Permit - not the Summary Reports.

Nevertheless, the applicant is expected to forthwith notify the Department of any discrepancies found between the two documents.

COMMISSIONERS

[Handwritten signatures and initials]

Bill F...
CHAIRMAN

SUBMITTED BY Jarrell E. Southall DATE PASSED 3/26/76

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Process Engineers, Inc.

Pine Bluff, Arkansas

CSN: 350113

FIRST SUBMITTAL: 1-12-76 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Process Engineers is proposing the installation of a facility in the Harbor Industrial Park at Pine Bluff. The plant will manufacture steel pressure vessels. The two points of emission are to be from the paint room (particulate emissions to be controlled with a filter), and the sand blast room (particulate emissions to be controlled with cyclones and a bag house in series).

ESTIMATED COST: \$21,000 TOTAL PROJECT: \$2,400,000

COMMENCEMENT OF INSTALLATION: 2-15-76

COMMENCEMENT OF OPERATION: 8-15-76

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 322-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
D.A.P.C.

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Reynolds Metals Company
Bauxite, Arkansas

CSN: 630005

FIRST SUBMITTAL: 9/11/75 AMENDED: 2/3/76

CASE REFERENCES: _____

SUMMARY:

Reynolds Metals Company was issued Permit No. 267-A on December 6, 1974 under Subsection 3(c) of the Air Code for the installation of a pilot facility at Bauxite for the production of alumina. Reynolds now proposes to install Phase II of this project under Subsection 3(c). The particulate emissions are to be controlled with four fabric filters, and the nitrogen oxide emissions are to be controlled with a thermal oxidation unit.

The predicted particulate emission rates from the fabric filters are to be 4.1 pounds per hour, 1.5 pounds per hour, 1.5 pounds per hour, and 0.2 pounds per hour. The effect of these increased emissions was evaluated using the atmospheric dispersion model used in the demonstration of the State Implementation Plan. This evaluation projected an increase of 0.14 $\mu\text{g}/\text{m}^3$ A A M at the point of maximum concentration, or a total of 55 $\mu\text{g}/\text{m}^3$ AGM once the control program at Alcoa is completed in 1977.

ESTIMATED COST: \$550,000 TOTAL PROJECT: \$14,500,000

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: MODIFICATION OF NO. 267-A

COMMISSION MINUTE ORDER NUMBER: _____