

MINUTE ORDER NO. 90-33

Summary Reports
PAGE 1 OF 2 PAGES

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 each applicant is hereby ordered and directed to comply 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 - INDUSTRIAL FACILITIES

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
39-A (Modification)	Minnesota Mining and Mfg. Little Rock	\$ 250,000
213-A (Modification)	Superwood Corporation North Little Rock	40,000
436-A (Modification)	Riffe Petroleum Company Van Buren	-
491-A (Modification)	Riverside Furniture Company Fort Smith	390,000
322-A	Brighton Corporation Pine Bluff	-
612-A	R. D. Plant Contracting Co. Oden	50,000
613-A	Minnesota Mining and Mfg. Little Rock	200,000
614-A	DEKA Clarksville	-
615-A	Scranton Charcoal Scranton	15,000
616-A	Great Lakes Chemical El Dorado	750,000

COMMIS-
SIONERS

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[Handwritten signature of John Ward]
CHAIRMAN

SUBMITTED BY John Ward DATE PASSED 23 May 1980

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
617-A	Atlantic Research Corporation Camden	\$ 5,500
618-A	Vought Corporation East Camden	275,000
619-A	Arkansas Oak Flooring Pine Bluff	35,000
620-A	Silica Products Guion	94,000
621-A	ALCOA Bauxite	300,000

APPLICATION FOR PERMIT - INCINERATORS

344-AI	Great Lakes Chemical Corporation El Dorado	500,000
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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

SUBMITTED BY John Ward

DATE PASSED 23 May 1980

CHAIRMAN

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Minnesota Mining and Manufacturing Company (3M)
Little Rock

CSN: 600003 CASE REFERENCES: Permit No. 39-A, approved 11-20-70

FIRST SUBMITTAL: 4-10-80 AMENDED: _____

SUMMARY:

The 3M Company plans to install additional Fabric Filters (baghouses) at their College Station plant in order to upgrade the dust emissions control system for their rock crushing and screening operations.

Five Micro - Pul baghouses will be installed to control emissions from all phases of the crushing and screening process. The new units will have an average air-to-cloth ratio of 4.7 to 1 and will be guaranteed by the manufacturer to emit less than 0.02 grains of dust per standard cubic foot. The one existing baghouse will be retained but will handle a greatly reduced dust loading.

This additional control equipment will enable 3M to consistently maintain compliance with the Arkansas SIP emissions limitations for the crushing and screening operations.

ESTIMATED COST: \$ 250,000 TOTAL PROJECT: \$ 250,000

COMMENCEMENT OF INSTALLATION: _____ COMMENCEMENT OF OPERATION: 9-1-80

REVIEWED BY: JBj APPROVED BY: RMMc

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 39-A (Modification)

PUBLIC NOTICE

Pursuant to Section 51-18, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

The 3M Company plans to install additional Fabric Filters (baghouses) at their College Station plant in order to upgrade the dust emissions control system for their rock crushing and screening operations.

Five Micro-Pul baghouses will be installed to control emissions from all phases of the crushing and screening process. The new units will have an average air-to-cloth ratio of 4.7 to 1 and will be guaranteed by the manufacturer to emit less than 0.02 grains of dust per standard cubic foot. The one existing baghouse will be retained but will handle a greatly reduced dust loading.

This additional control equipment will enable 3M to consistently maintain compliance with the Arkansas SIP emissions limitation for the crushing and screening operations.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or the Little Rock Public Library, 700 Louisiana.

Interested or affected persons may also submit written comments on the proposal to the Department within thirty (30) days of this publication.

Dated this 23rd day of April, 1980.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED WEDNESDAY, APRIL 23, 1980

MINNESOTA MINING AND MANUFACTURING COMPANY (3M) OF LITTLE ROCK

Mrs. Adlene Harrison, Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270
ATTENTION: Mr. W. H. Winders

Mr. Reynold A. Mack
Senior Environmental Engineer
Minnesota Mining and Manufacturing Company
Post Office Box 33331
St. Paul, Minnesota 55133

Mr. B. J. McCoy, Director
Arkansas Department of Local Services
#1 Capitol Mall - Suite 2C-105
Little Rock, Arkansas 72201

The Honorable Webster Hubbell
Mayor of Little Rock
City Hall
Little Rock, Arkansas 72202

The Honorable W. E. Beaumont, Jr.
Pulaski County Judge
Pulaski County Courthouse
Little Rock, Arkansas 72202

The Arkansas Gazette
Post Office Box 1821
Little Rock, Arkansas 72203

The Arkansas Democrat
Post Office Box 2221
Little Rock, Arkansas 72203

The Little Rock Public Library
700 Louisiana Street
Little Rock, Arkansas 72202

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Superwood Corporation
North Little Rock

CSN: 600110 CASE REFERENCES: Permit No. 213-A, approved 3-29-74

FIRST SUBMITTAL: 5-16-80 AMENDED: _____

SUMMARY:

The Superwood Corporation plans to install a venturi scrubber and a chemical absorption tower scrubber for control of odor emissions from the tempering process at their North Little Rock plant.

The tempering process includes the coating of fiber boards with linseed oil and then baking the boards in a tempering oven for four to six hours. Strong linseed oil odor emissions are given off during the baking period.

Water used in both scrubbers will be recycled. Potassium permanganate will be utilized in the chemical absorption scrubber as an oxidizing chemical. This proposed odor abatement system is presently being used successfully for a similar process at another Superwood plant.

ESTIMATED COST: \$ 40,000 TOTAL PROJECT: \$ 60,000

COMMENCEMENT OF INSTALLATION: 10-1-80 COMMENCEMENT OF OPERATION: 12-1-80

REVIEWED BY: JBj APPROVED BY: RMc

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 213-A (Modification)

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Riffe Petroleum Company
Van Buren

CSN: 170046 CASE REFERENCES: _____

FIRST SUBMITTAL: 2-6-80 AMENDED: _____

SUMMARY:

Permit No. 436-A is hereby modified to reflect a change in ownership to the Riffe Petroleum Company of Tulsa, Oklahoma. The liquid asphalt emulsion plant covered by this permit was previously owned by the Chris-T Emulsion Company.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____ COMMENCEMENT OF OPERATION: _____

REVIEWED BY: JBj APPROVED BY: RMMc

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 436-A (Modification)

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Riverside Furniture Company
Fort Smith

CSN: 660150 CASE REFERENCES: Permit No. 491-A; Approved 5-26-78

FIRST SUBMITTAL: 4-14-80 AMENDED: _____

SUMMARY:

Riverside Furniture Corporation of Fort Smith will modernize the wood dust control system at their plant No. 2 by installing four Fabric Filters (baghouses) to replace existing cyclones.

The Pneumafil baghouses will handle a total of 142,588 cubic feet per minute of air at air-to-cloth ratios from 10:1 to 15:1. Diverter valves to be installed in the system will permit as much as 100% of the air to be returned to the plant for energy conservation. A REMCON system to provide additional dust control through the use of an opacity sensing device and a wet wash will be installed prior to the dust collection bin.

Total predicted wood dust emissions from plant No. 2 following modification will be less than 4.5 pounds per hour.

ESTIMATED COST: \$ 390,000 TOTAL PROJECT: \$ 390,000

COMMENCEMENT OF INSTALLATION: _____ COMMENCEMENT OF OPERATION: 7-16-80

REVIEWED BY: JBj APPROVED BY: RMMc

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 491-A (Modification)

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Brighton Corporation

Pine Bluff

CSN: 350113

CASE REFERENCES: _____

FIRST SUBMITTAL: 5-1-80

AMENDED: _____

SUMMARY:

Brighton Corporation has purchased the plant formerly owned by Process Engineering.

Brighton proposes to manufacture pressure vessels and tanks for the paint industry, petrochemical plant, and various process industries. Brighton receives plate steel by rail, truck, and barge. The metal is rolled, welded into shape, heads and bottoms are welded to the shells, final details are added, and the material is grit blasted and painted as required. Paint fumes and paint particulate are controlled by Amer-glass paint arrestor pads. Grit and dust from the grit blasting are controlled by cyclones and fabric filters.

Estimated emissions are trace quantities (less than .01 pounds an hour) of paint fumes and dust particulates.

ESTIMATED COST: \$ NA

TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION: NA

COMMENCEMENT OF OPERATION: 2-28-80

REVIEWED BY: PDD

APPROVED BY: RMMc

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 322-A

REV. 9/79

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: R. D. Plant Contracting Company
Oden

CSN: 882107 CASE REFERENCES: _____

FIRST SUBMITTAL: 4-15-80 AMENDED: _____

SUMMARY:

The R. D. Plant Contracting Company of Murfreesboro will operate a Cedarapids Model 8828 drum mix asphalt plant in Montgomery county approximately three (3) miles west of Oden.

At the maximum production rate of 300 tons per hour, the maximum particulate emission rate will be 13.7 pounds per hour. A Venturi wet scrubber will be used to comply with the Federal New Source Performance Standard limitation of 0.04 grains per dry standard cubic foot. Since the performance standard and maximum production rate will limit emissions to less than 250 tons per year, a PSD permit from the U. S. Environmental Protection Agency is not required.

Qualification:

The facility will comply with all requirements of the Federal New Source Performance Standards.

ESTIMATED COST: \$50,000. TOTAL PROJECT: \$500,000

COMMENCEMENT OF INSTALLATION: _____ COMMENCEMENT OF OPERATION: _____

REVIEWED BY: JBj APPROVED BY: RMMc

RECOMMENDATION: Approval with qualification ASSIGNED PERMIT NUMBER: 612-A

PUBLIC NOTICE

Pursuant to Section 51-18, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

The R. D. Plant Contracting Company of Murfreesboro will operate a Cedarapids Model 8828 drum mix asphalt plant in Montgomery County approximately three miles west of Oden.

At the maximum production rate of 300 tons per hour, the maximum particulate emission rate will be 13.7 pounds per hour. A Venturi wet scrubber will be used to comply with the Federal New Source Performance Standard limitation of 0.04 grains per dry standard cubic foot. As the potential emission rate is less than 250 tons per year, a PSD permit from the U. S. Environmental Protection Agency is not required.

The facility will comply with all requirements of the Federal New Source Performance Standards.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or the Montgomery County Courthouse, Mt. Ida.

Interested or affected persons may also submit written comments on the proposal to the Department within thirty (30) days of this publication.

Dated this 23rd day of May, 1980.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED WEDNESDAY, APRIL 23, 1980

R. D. PLANT CONTRACTING COMPANY, INCORPORATED OF ODEN

Mrs. Adlene Harrison
Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270
ATTENTION: Mr. W. H. Winders

Mr. B. J. McCoy, Director
Arkansas Department of Local Services
#1 Capitol Mall - Suite 2C-105
Little Rock, Arkansas 72202

The Honorable Hal Goodner
Mayor of Oden
City Hall
Oden, Arkansas 71961

The Honorable L. J. Warneke
Montgomery County Judge
Montgomery County Courthouse
Mt. Ida, Arkansas 71957

Mr. R. D. Plant, Jr.
President
R. D. Plant Contracting Company
Post Office Box 1
Murfreesboro, Arkansas 71958

Ms. Essie Black
Montgomery County Clerk
Montgomery County Courthouse
Mt. Ida, Arkansas 71957

The Arkansas Gazette
Post Office Box 1821
Little Rock, Arkansas 72203

The Arkansas Democrat
Post Office Box 2221
Little Rock, Arkansas 72203

The Montgomery County News
Mt. Ida, Arkansas 71957

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Minnesota Mining and Manufacturing Company (3M)
Little Rock

CSN: 600003 CASE REFERENCES: _____

FIRST SUBMITTAL: 4-10-80 AMENDED: _____

SUMMARY:

The 3M Company will operate a portable rotary dryer at their College Station plant for auxillary drying of coarse crushed rock. This dryer is only for quality control (elimination of moisture) during wet weather and will not increase plant production capacity or total drying emissions.

The unit is a Cedarapids Portable Aggregate Dryer, Model 180-9, which utilizes natural gas. The control device for the system is a Cedarapids 15,000 CFM baghouse with an air-to-cloth ratio of 5.9 to 1. Dust emissions from the bag house will not exceed 0.02 grains per standard cubic foot (approximately 3 pounds per hour).

ESTIMATED COST: \$ 200,000 TOTAL PROJECT: \$ 650,000

COMMENCEMENT OF INSTALLATION: _____ COMMENCEMENT OF OPERATION: _____

REVIEWED BY: JBj APPROVED BY: RMMc

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 613-A

PUBLIC NOTICE

Pursuant to Section 51-18, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

The 3M Company will operate a portable rotary dryer at their College Station plant for auxillary drying of coarse crushed rock. This dryer is only for quality control (elimination of moisture) during wet weather and will not increase plant production capacity or total drying emissions.

The unit is a Cedarapids Portable Aggregate Dryer, Model 180-9, which utilizes natural gas. The control device for the system is a Cedarapids 15,000 CFM baghouse with an air-to-cloth ratio of 5.9 to 1. Dust emissions from the baghouse will not exceed 0.02 grains per standard cubic foot (approximately 3 pounds per hour).

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or the Little Rock Public Library, 700 Louisiana.

Interested or affected persons may also submit written comments on the proposal to the Department within thirty (30) days of this publication.

Dated this 23rd day of April, 1980

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED WEDNESDAY, APRIL 23, 1980
MINNESOTA MINING AND MANUFACTURING COMPANY (3M) OF LITTLE ROCK

Mrs. Adlene Harrison, Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270
ATTENTION: Mr. W. H. Winders

Mr. Reynold A. Mack
Senior Environmental Engineer
Minnesota Mining and Manufacturing Company
Post Office Box 33331
St. Paul, Minnesota 55133

Mr. B. J. McCoy, Director
Arkansas Department of Local Services
#1 Capitol Mall - Suite 2C-105
Little Rock, Arkansas 72201

The Honorable Webster Hubbell
Mayor of Little Rock
City Hall
Little Rock, Arkansas 72202

The Honorable W. E. Beaumont, Jr.
Pulaski County Judge
Pulaski County Courthouse
Little Rock, Arkansas 72202

The Arkansas Gazette
Post Office Box 1821
Little Rock, Arkansas 72203

The Arkansas Democrat
Post Office Box 2221
Little Rock, Arkansas 72203

The Little Rock Public Library
700 Louisiana Street
Little Rock, Arkansas 72202

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: DEKA
Clarksville

CSN: 360043

FIRST SUBMITTAL: 3-31-80 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

DEKA of Brussels, Belgium, will construct and operate a gray iron foundry at Clarksville to produce approximately 16 tons per day of metal castings.

An electric induction furnace will be used to melt the iron prior to casting. Particulate emissions from the furnace will be approximately 3.0 pounds per hour or 3.12 tons per year.

ESTIMATED COST: _____ TOTAL PROJECT: \$2,000,000.

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: 9-1-80

REVIEWED BY: JBj APPROVED BY: RMMc

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 614-A

COMMISSION MINUTE ORDER NUMBER: _____

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Scranton Charcoal

Scranton, Arkansas

CSN: 420012 CASE REFERENCES: _____

FIRST SUBMITTAL: _____ AMENDED: _____

SUMMARY:

Scranton Charcoal, a division of Forest Products of Memphis, Tennessee, proposes to replace existing kilns at their Scranton, Arkansas facility with four new kilns. The four new kilns will all be connected to a common afterburner to reduce air emissions. The facility will be similar to other facilities operated by Forest Products in Arkansas. It is estimated that emissions will be reduced from approximately 50 pounds an hour to 3.5 pounds an hour. Charcoal is produced by loading slabs and other waste wood products into a cement kiln. The wood products are ignited and allowed to burn without sufficient oxygen for complete combustion producing the charcoal. Estimated emissions are 1.4 pounds an hour of particulate, 1.1 pounds an hour of carbon monoxide, and 1.0 pounds an hour of hydrocarbons.

ESTIMATED COST: \$15,000 TOTAL PROJECT: \$60,000

COMMENCEMENT OF INSTALLATION: 5-10-80 COMMENCEMENT OF OPERATION: 6-10-80

REVIEWED BY: PDD APPROVED BY: RMMC

RECOMMENDATION: approval ASSIGNED PERMIT NUMBER: 615-A

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Great Lakes Chemical Corporation

El Dorado, Arkansas

CSN: 700012 CASE REFERENCES: _____

FIRST SUBMITTAL: _____ AMENDED: _____

SUMMARY:

Great Lakes Chemical Corporation proposes the construction of a facility to produce an intermediate chemical used in the production of an insecticide. All reactions are carried out at or near atmospheric conditions and maximum temperatures do not exceed 150°C. Great Lakes has requested confidentiality on certain raw materials.

A brominated hydrocarbon is mixed with another organic chemical and a common solvent. The application of mild heat causes the reaction to begin. After the reaction is complete, the solvent is removed by distillation. The material is then precipitated out with a bisulfate and washed and operated in a centrifuge. SO₂ is given off and controlled by a caustic scrubber. Solvent emissions are controlled with a carbon absorber. All potential emissions are then directed to a 100 foot flare. Great Lakes anticipates less than one pound per hour of SO₂ and trace amounts of CO, CO₂, toluene, and CCl₄ to be vented through the stack flare.

ESTIMATED COST: \$750,000 TOTAL PROJECT: \$6,500,000

COMMENCEMENT OF INSTALLATION: 8/1/80 COMMENCEMENT OF OPERATION: 8/1/81

REVIEWED BY: PDD APPROVED BY: RMMc

RECOMMENDATION: approval ASSIGNED PERMIT NUMBER: 616-A

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Atlantic Research Corporation
Camden, Arkansas

CSN: 520058 CASE REFERENCES: _____

FIRST SUBMITTAL: _____ AMENDED: _____

SUMMARY:

Atlantic Research proposes the construction of a facility to produce rocket motors and igniters. ARC will receive motor cases from Vought Corporation that have been coated and primed. ARC will clean the motor cases, install the insulation and liner, cast and cure the propellant, install the nozzle and ship the loaded motors back to Vought. Igniters will be manufactured on a separate production line and shipped to Vought. Small drums at key locations outside of buildings will be identified as propellant scrap, propellant contaminated trash, or uncontaminated trash. Propellant and propellant contaminated trash will be picked up daily and burned in the hot trash pit. The uncontaminated trash will be disposed of in a sanitary landfill.

The following is a list of emissions:

Process	Type emissions	Tons per year
boiler	NO _x	2.27
	particulates	.013
	hydrocarbons	.050
Firing test stand	NO _x	.09
	particulates	27.60
Hot waste burn pit	NO _x	-.15
	particulates	47.10
Contaminated trash burn pit	NO _x	.357
	particulates	.520
	hydrocarbons	.160

Qualifications: The disposition of all hazardous waste will be done in accordance with all applicable state and federal regulations.

ESTIMATED COST: \$5,500 TOTAL PROJECT: \$13,000,000

COMMENCEMENT OF INSTALLATION: July 1980 COMMENCEMENT OF OPERATION: Dec. 1981

REVIEWED BY: PDD APPROVED BY: RMMc

RECOMMENDATION: approval ASSIGNED PERMIT NUMBER: 617-A

PUBLIC NOTICE

Pursuant to Section 51-18, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

Atlantic Research Corporation proposes the construction of a facility to produce rocket motors and igniters. ARC will receive motor cases from Vought Corporation that have been coated and primed. ARC will then clean the motor cases, install the insulation and liner, cast and cure the propellant, install the nozzle and ship the loaded motors back to Vought.

Igniters will be manufactured on a separate production line and shipped to Vought. Small drums at key locations outside of buildings will be identified as propellant scrap, propellant contaminated trash, or uncontaminated trash will be picked up daily and burned in the hot trash pit. The uncontaminated trash will be disposed of in a sanitary landfill.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or the Public Library of Camden and Ouachita County, 120 Harrison Avenue SW, Camden.

Interested or affected persons may also submit written comments on the proposal to the Department within thirty (30) days of this publication.

Dated this 16th day of May, 1980.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED FRIDAY, MAY 16, 1980

ATLANTIC RESEARCH CORPORATION OF CAMDEN, AR

Mrs. Adlene Harrison, Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270
ATTENTION: Mr. W. H. Winders

Mr. B. J. McCoy, Director
Arkansas Department of Local Services
#1 Capitol Mall - Suite 2C-105
Little Rock, Arkansas 72201

Mr. Philip W. Schrack
Atlantic Research Corporation
7511 Wellington Road
Gainesville, Virginia 22065

The Honorable William J. Cook
Mayor of Camden
City Hall
Camden, Arkansas 71701

The Honorable John Marlar
Ouachita County Judge
Ouachita County Courthouse
Camden, Arkansas 71701

Mrs. Olvena Fisher
Public Library of Camden and
Ouachita County
120 Harrison Avenue SW
Camden, Arkansas 71701

The Camden News
113 Madison Avenue NE
Camden, Arkansas 71701

The Arkansas Gazette
Post Office Box 1821
Little Rock, Arkansas 72203

The Arkansas Democrat
Post Office Box 2221
Little Rock, Arkansas 72203

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Vought Corporation

East Camden, Calhoun County

CSN 070022 CASE REFERENCES _____

FIRST SUBMITTAL _____ AMENDED _____

SUMMARY:

Vought Corporation proposes to construct a facility near East Camden to assemble a ground to ground rocket and support system for the U. S. Government. The rockets are to be assembled at a nearby facility operated by Atlantic Research.

Two 20,000 pound per hour steam gas boilers will be used to generate steam used throughout the plant. In the event of a natural gas shortage, these boilers will be fired with number two fuel oil.

A waterborne emulsion cleaner will be used to clean the motor cases and other miscellaneous parts. Discharges from this operation will be collected and discharged to the atmosphere through roof vents. All other chemicals used in the cleaning, stripping, degreasing and phosphate coating operations will be water soluble and vented to one of three wet scrubbers to control emissions. Virtually no volatile organics will be contained in these streams thus additional VOC control equipment is not needed.

Painting of launch tubes will be performed in four water wash spray booths. A low solvent (less than 20% by weight) primer will be used. Therefore, total VOC emissions will be less than 13 tons per year. A maximum of 10 gallons per day of exterior coating will be used yielding less than 7 tons per year of VOC. Also, a paint sealant will be applied to make the rocket water tight. VOC emissions from this low solvent sealant will be less than five tons per year.

The warhead in the rockets will be packed with a polyisocyanate foam. The blowing agent utilized in the manufacture of this foam is trichlorofluoromethane (freon R-11).

The only other source of emissions will be a concrete burn area used to destroy trash contaminated with explosive materials, which cannot be destroyed by an incinerator because of its explosive nature.

Qualifications:

1. All trash which is not contaminated with explosive materials shall be disposed of in a permitted landfill.
2. All waste materials, if any, which are classified as hazardous waste by the Environmental Protection Agency on this Department shall be disposed of in accordance with the provisions of applicable hazardous waste regulations.

ESTIMATED COST \$ 275,000 TOTAL PROJECT \$ 20,000,000
COMMENCEMENT OF INSTALLATION 6-1-80 REVIEWED BY RG
COMMENCEMENT OF OPERATION 6-1-81 APPROVED BY RMMc
RECOMMENDATION Approval with Qual. ASSIGNED PERMIT NUMBER 618-A

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Arkansas Oak Flooring Company
Pine Bluff

CSN: 350073 CASE REFERENCES: _____

FIRST SUBMITTAL: 5-10-80 AMENDED: _____

SUMMARY:

The Arkansas Oak Flooring Company plans to install an Esstee air washer at their Pine Bluff plant to provide improved control of wood dust emissions.

The washer will handle the dust emissions from four existing cyclones and will have a 70,000 cfm air volume capacity. The cyclones will have their top vents enclosed so that all dust not trapped by the cyclones will go to the washer. An existing concrete settlement pool will be utilized for the washer water, which will be recycled.

ESTIMATED COST: \$ 35,000 TOTAL PROJECT: \$ 35,000

COMMENCEMENT OF INSTALLATION: 6-2-80 COMMENCEMENT OF OPERATION: 12-2-80

REVIEWED BY: JBj APPROVED BY: RMMc

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 619-A

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Silica Products, Incorporated
Guion

CSN: 330002 CASE REFERENCES: _____

FIRST SUBMITTAL: 4-18-80 AMENDED: _____

SUMMARY:

Silica Products proposes an expansion of its operations at Guion. Silica drills and blasts for sandstone in open pits and underground mines. The sandstone is hauled by trucks and front end loaders to its crushing operations.

The crushing operation consists of three stages - The material is first crushed, then it is washed, and finally it is dried in a kiln. The material is then moved in covered conveyors to the screening process where it is segregated by size, graded, and blended. The material is then moved by covered conveyors to storage bins where it is held for shipment. Maximum emissions will be 19 pounds an hour of sand particulates.

Emissions of sand particulates will be controlled by a wet scrubber with a rated efficiency of greater than 99%. After the scrubbing operation, additional material is removed by passing the moisture-laden air through high efficiency moisture eliminators. The wet scrubber is similar to one now in operation at the plant. There will be no increase in water discharges because of the addition of the new scrubber.

ESTIMATED COST: \$ 94,000 TOTAL PROJECT: \$ 3,200,000

COMMENCEMENT OF INSTALLATION: 9-12-79 COMMENCEMENT OF OPERATION: 10-15-80

REVIEWED BY: PDD APPROVED BY: RMMc

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 620-A

REV. 9/79

PUBLIC NOTICE

Pursuant to Section 51-18, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

Silica Products proposes an expansion of its operations at Guion. Silica blasts and drills for sandstone in open pits and underground mines. The sandstone is hauled by trucks and front end loaders to its crushing operations.

Crushing operations consists of three stages - the material is first crushed, then it is washed, and finally it is dried in a kiln. The material is then moved in covered conveyors to the screening process where it is segregated by size, graded, and blended. The material is then moved by covered conveyors to storage bins where it is held for shipment. Maximum emissions will be 19 pounds an hour of sand particulates.

Emissions of sand particulates will be controlled by a wet scrubber with a rated efficiency of greater than 99%. After scrubbing operations, additional material is removed by passing the moisture-laden air through high efficiency moisture eliminators. The wet scrubber is similar to one now in operation at the plant. There will be no increase in water discharges because of the addition of the new scrubber.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or the IZARD County Courthouse, Melbourne.

Interested or affected persons may also submit written comments on the proposal to the Department within thirty (30) days of this publication.

Dated this 9th day of June, 1980.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED MONDAY, JUNE 6, 1980

SILICA PRODUCTS COMPANY OF GUION

Mrs. Adlene Harrison, Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270
ATTENTION: Mr. W. H. Winders

Mr. Sam C. Cooke, General Manager
Silica Products, Incorporated
Post Office Box 248
Guion, Arkansas 72540

Mr. B. J. McCoy, Director
Arkansas Department of Local Services
#1 Capitol Mall - Suite 2C-105
Little Rock, Arkansas 72201

The Honorable Jared T. Moxley
Mayor of Guion
City Hall
Guion, Arkansas 72540

The Honorable Larry Arnold
Izard County Judge
Izard County Courthouse
Melbourne, Arkansas 72556

Mr. Paul Weaver
Izard County Clerk
Izard County Courthouse
Melbourne, Arkansas 72556

The Melbourne Times
Court Street
Melbourne, Arkansas 72556

The Arkansas Gazette
Post Office Box 1821
Little Rock, Arkansas 72203

The Arkansas Democrat
Post Office Box 2221
Little Rock, Arkansas 72203

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Aluminum Company of America (ALCOA)
Bauxite

CSN: 630010 CASE REFERENCES: _____

FIRST SUBMITTAL: 5-7-80 AMENDED: _____

SUMMARY:

Alcoa will install three Anderson venturi wet scrubbers on the process dryers in Building 400 (Hydrate drying) at their Bauxite plant to provide increased control of alumina trihydrate dust emissions.

One scrubber will operate in each of three parallel drying systems and will be installed after existing cyclones which presently serve as control devices for each dryer.

Maximum dust emissions from each dryer control system will not exceed 0.03 grains per actual cubic foot or 0.69 pounds per hour.

ESTIMATED COST: \$ 300,000 TOTAL PROJECT: \$ 300,000

COMMENCEMENT OF INSTALLATION: _____ COMMENCEMENT OF OPERATION: _____

REVIEWED BY: JBj APPROVED BY: RMMc

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 621-A

PUBLIC NOTICE

Pursuant to Section 51-18, 40 CFR, Part 1 (Federal Register, Vol. 38, No. 116, Monday, June 18, 1973), the Department of Pollution Control and Ecology gives the following notice:

Alcoa will install three Anderson Venturi wet scrubbers on the process dryers in Building 400 (Hydrate drying) at their Bauxite plant to provide increased control of alumina trihydrate dust emissions.

One scrubber will operate in each of three parallel drying systems and will be installed after existing cyclones which presently serve as control devices for each dryer.

Maximum dust emissions from each dryer control system will not exceed 0.03 grains per actual cubic foot or 0.69 pounds per hour.

The application has been reviewed by the staff of the Department and has received the Department's tentative approval subject to the terms of this notice and the approval of the Commission on Pollution Control and Ecology.

Citizens wishing to examine the permit applications and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or Saline County Courthouse, Benton.

Interested or affected persons may also submit written comments on the proposal to the Department within thirty (30) days of this publication.

Dated this 16th day of May, 1980.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED FRIDAY, MAY 16, 1980

ALUMINUM COMPANY OF AMERICA, BAUXITE, ARKANSAS

Mrs. Adlene Harrison
Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270
ATTENTION: Mr. William H. Winders

Mr. B. J. McCoy, Director
Arkansas Department of Local Services
#1 Capitol Mall - Suite 2C - 105
Little Rock, Arkansas 72201

Ms. Jacquie F. Dey
Senior Chemical Engineer
Aluminum Company of America
Post Office Box 300
Bauxite, Arkansas 72011

The Honorable Jerome Caldwell
Mayor of Bauxite
Bauxite, Arkansas 72011

The Honorable Wayne M. Bishop
Saline County Judge
Saline County Courthouse
Benton, Arkansas 72015

Mr. George Ramsey
Saline County Clerk
Saline County Courthouse
Benton, Arkansas 72015

The Benton Courier
322 North Main Street
Benton, Arkansas 72015

The Arkansas Gazette
Post Office Box 1821
Little Rock, Arkansas 72203

The Arkansas Democrat
Post Office Box 2221
Little Rock, Arkansas 72203

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Great Lakes Chemical Corporation

El Dorado, Arkansas

CSN: 700012 CASE REFERENCES: _____

FIRST SUBMITTAL: _____ AMENDED: _____

SUMMARY:

Great Lakes proposes the construction of a chemical waste incinerator with a rated capacity of 600 pounds an hour to recover bromine from waste chemicals and as a by-product the recovery of waste heat. Organic wastes will be collected from several different processes. The wastes will be pretreated and mixed with methanol. The material will then be burned in a John Zinc type of incinerator. The facility features a three second residence time with an ultra-high-recycle to insure the oxidation of every chemical molecule. The facility will have controls to insure a minimum temperature of 2200°F before burning can begin. Expected operating temperatures are 2500 to 2800°F. HBr will be recovered in an HBr absorber. Additional controls on emissions will be provided with a caustic scrubber. Expected emissions are trace quantities of SO₂, CO, and HBr.

The emissions will be sampled according to all federal regulations. A test burn will be made prior to the burning of any new waste in the incinerator. The Department of Pollution Control and Ecology will be notified prior to any test burn so that it may have observers present.

Qualifications: The burning of all wastes must be done in accordance with all applicable state and federal regulations.

ESTIMATED COST: \$500,000 TOTAL PROJECT: \$1,300,000

COMMENCEMENT OF INSTALLATION: 8/1/80 COMMENCEMENT OF OPERATION: 1/1/81

REVIEWED BY: PDD APPROVED BY: RMMc

RECOMMENDATION: approval ASSIGNED PERMIT NUMBER: 344-AI