

The Commission, having considered the following Application for permits 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 Applications, Summary Reports, or amendments thereto, and Subsection 4(d) of the Arkansas Plan of Implementation; provided, however, that the 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>
660-A	Sawyer Energy, Inc. Fouke, Arkansas	\$ 500,000
523-A (Mod.)	Bruce Oakley, Inc. North Little Rock, Arkansas	\$ 65,000
126-A (Mod.)	Vertac Chemical Corporation West Helena, Arkansas	\$ 30,000
661-A	Arkansas Valley Terminal Morrison Bluff, Arkansas	\$ NA
662-A	Chicopee Manufacturing Company North Little Rock, Arkansas	\$ 20,000
663-A	Riceland Foods Stuttgart, Arkansas	\$ 27,000
249-A (Mod.)	Ensco El Dorado, Arkansas	\$ NA
664-A	HMB Construction Company Texarkana, Arkansas	\$ NA
335-A (Mod.)	Bunge Corporation Huffman	\$ 100,000
582-A (Mod.)	Dow Chemical Company Russellville, Arkansas	\$ NA
353-AI	Ethyl Corporation Magnolia, Arkansas	\$ 9,290

COMMISSIONERS

[Handwritten signatures of Commissioners]

CHAIRMAN

SUBMITTED BY John D. Ward DATE PASSED July 24, 1981

13-A (Mod.)	Alcoa Bauxite, Arkansas	\$ 345,000
665-A	Alcoa Bauxite, Arkansas	\$ 26,000
666-A	Alcoa Bauxite, Arkansas	\$ 115,000
667-A	Pillsbury Company Pine Bluff, Arkansas	\$ NA
668-A	Pillsbury Company Dermott	\$ NA
670-A	Pillsbury Company Fair Oaks	\$ NA
671-A	Pillsbury Company Fair Oaks	\$ NA

The Summary Report, prepared by the staff, is 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 Order, the Permit, and the Summary Report, is to be attached to the Application for Permit which is on file in the Department's central office. It is further noted that the approval of this application is based upon information contained within the Application for Permit - not the Summary Report. Nevertheless, the applicant is expected to forthwith notify the Department of any discrepancies found between the two documents.

COMMISSIONERS


 [Handwritten signatures of commissioners]


 CHAIRMAN

SUBMITTED BY John D. Ward DATE PASSED July 24, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Sawyer Energy, Inc.
Fouke

CSN 460073 CASE REFERENCES _____

FIRST SUBMITTAL May 7, 1981 AMENDED _____

SUMMARY:

Sawyer Energy, Inc. has recently completed the drilling of a gas well in Miller County near Fouke. The flow rate from the well will be 3.75 million cubic feet of gas per day. The gas will contain 3.38 mole percent hydrogen sulfide. Sawyer proposes to install a sulfur recovery unit with a 95% removal efficiency to insure the integrity of the air in the area. The actual emission rate will be 50 pounds an hour of SO₂. Computer modelling indicates that no state or federal standard will be violated by this emission. This permit is issued under the S.I.P.

QUALIFICATION: Modelling was performed using assumed stack parameters. Sawyer Energy shall verify all stack parameters used in their application package and report them to this Department within sixty (60) days of achieving full operation.

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

COMMENCEMENT OF INSTALLATION 7/1/81 COMMENCEMENT OF OPERATION 8/1/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 660-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE _____

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:

Sawyer Energy, Inc. has recently completed the drilling of a gas well in Miller County near Fouke. The flow rate from the well will be 3.75 million cubic feet of gas per day. The gas will contain 3.38 mole percent hydrogen sulfide. Sawyer proposes to install a sulfur recovery unit with a 95% removal efficiency to insure the integrity of the air in the area. The actual emission rate will be 50 pounds an hour of SO₂. Computer modelling indicates that no state or federal standard will be violated by this emission.

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 application and staff findings and recommendations may do so by contacting the Department's central office, 8001 National Drive, Little Rock, or the Miller County Courthouse, Texarkana, Arkansas.

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

Dated this 4th day of June, 1981.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED JUNE 4, 1981

SAWYER ENERGY, INC.

Ms. Fran Phillips
Acting Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

The Honorable Virgil M. Roberts
Mayor, City of Fouke
City Hall
Fouke, Arkansas 71837

The Honorable Sam Rose
Miller County Judge
County Courthouse
Texarkana, Arkansas 75501

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

Texarkana Gazette/Daily News
Box 621
Texarkana, Texas 75501

County Clerk, Ted B. Thomas
Miller County Courthouse
Texarkana, Arkansas 75501

Mr. Jerry Sawyer
Sawyer Energy, Inc.
1300 American Tower
Shreveport, Louisiana 71101

Mr. Gus Von Bodungen, Chief
Air Quality Division
Office of Environmental Affairs
Dept. of Natural Resources
Post Office Box 44066
Baton Rouge, Louisiana 70804

Mr. John Gallion, Chief
Air Quality Service
Oklahoma Dept. of Health
N.E. 10th and Stonewall
Oklahoma City, Oklahoma 73152

Mr. Bill Stewart, P.E.
Executive Director
Texas Air Control Board
6330 Hwy. 290 East
Austin, Texas 78723

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Bruce Oakley, Inc.
North Little Rock

CSN 600430 CASE REFERENCES Modification of Permit No. 523-A

FIRST SUBMITTAL 26 May 81 AMENDED _____

SUMMARY: Bruce Oakley, Inc. proposes the installation of pollution control equipment to alleviate complaints received from neighbors. Bruce Oakley proposes the installation of a large baghouse with pickup points at the crane unloading hopper, conveyor belts, truck dump, and bucket elevator. The baghouse will have a 10 to 1 air to cloth ratio with an efficiency of 99% plus. Estimated emissions will average less than one pound an hour.

ESTIMATED COST: \$ 65,000 TOTAL PROJECT: \$ 65,000

COMMENCEMENT OF INSTALLATION _____ COMMENCEMENT OF OPERATION _____

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 523-A (Mod.)

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

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:

Bruce Oakley, Inc. proposes the installation of pollution control equipment to alleviate complaints received from neighbors. Bruce Oakley proposes the installation of a large baghouse with pickup points at the crane unloading hopper, conveyor belts, truck dump, and bucket elevator. The baghouse will have a 10 to 1 air to cloth ratio with an efficiency of 99% plus. Estimated emissions will average less than one pound an 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 Pulaski County Courthouse, Little Rock, Arkansas.

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, 1981.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED JUNE 9, 1981

BRUCE OAKLEY, INC.

Ms. Fran Phillips
Acting Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

The Honorable W. E. Beaumont, Jr.
County Judge
Pulaski County Courthouse
Little Rock, Arkansas 72201

The Honorable Reed Thompson
Mayor, City of North Little Rock
City Hall
North Little Rock, Arkansas 72114

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

The North Little Rock Times
16th and North Willow Streets
North Little Rock, Arkansas 72114

Reference Department
Central Arkansas Library System
Little Rock Public Library
700 Louisiana
Little Rock, Arkansas 72201

Mr. Carl McChesney, Director
Pulaski County Department of Planning
3001 West Roosevelt
Little Rock, Arkansas 72204

Mr. Bruce Oakley, President
Bruce Oakley, Inc.
3700 Lincoln Avenue
North Little Rock, Arkansas 72114

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Vertac Chemical Corporation

West Helena

CSN 540068 CASE REFERENCES Modification of Permit No. 126-A

FIRST SUBMITTAL 28 May 81 AMENDED

SUMMARY: Vertac Chemical Corporation proposes to expand an existing facility now producing a type of polymer called DRA. The polymer is produced by mixing butene and dodecene in an appropriate solvent with an appropriate catalyst. The facility has no emissions excepting those occurring during the filling and diurnal breathing of the storage tanks. Losses, which are controlled by conservation vents, are estimated at less than 2 pounds per day. This permit is issued under the Air Code.

ESTIMATED COST: \$30,000 TOTAL PROJECT: \$ 650,000

COMMENCEMENT OF INSTALLATION 6/15/81 COMMENCEMENT OF OPERATION 10/1/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 126-A (Mod.)

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Arkansas Valley Terminal

Morrison Bluff

CSN 420022 CASE REFERENCES

FIRST SUBMITTAL 3 June 81 AMENDED

SUMMARY:

Arkansas Valley Terminal proposes to construct a barge loading and unloading facility near Morrison Bluff. Initially, all materials will be loaded, unloaded, and/or transported by wheeled or tracked equipment. The initial operation will be small and will employ only one or two people. Where dusting becomes a problem, water sprays will be installed to contain the problem. Using figures from the Compilation Air Pollution Emission Factors, AP-42, the estimated emissions will be 95 tons per year, most of which will be fugitive type of emissions.

QUALIFICATIONS: Arkansas Valley Terminal must not contribute any emissions, point or fugitive, in excess of those allowed by the Air Code or the State Implementation Plan.

ESTIMATED COST: \$ NA TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION 7/1/81 COMMENCEMENT OF OPERATION 10/1/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 661-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

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:

Arkansas Valley Terminal proposes to construct a barge loading and unloading facility near Morrison Bluff. Initially, all materials will be loaded, unloaded, and/or transported by wheeled or tracked equipment. The initial operation will be small and will employ only one or two people. Where dusting becomes a problem, water sprays will be installed to contain the problem. Using figures from the Compilation Air Pollution Emission Factors, AP-42, the estimated emissions will be 95 tons per year, most of which will be fugitive type of emissions.

QUALIFICATIONS: Arkansas Valley Terminal must not contribute any emissions, point or fugitive, in excess of those allowed by the Air Code or the State Implementation Plan.

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 Logan County Courthouse, Paris, Arkansas.

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, 1981.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED JUNE 9, 1981

ARKANSAS VALLEY TERMINAL

Ms. Fran Phillips
Acting Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

County Clerk, Penn Smith
Logan County Courthouse
Paris, Arkansas 72855

The Honorable Buster Tritt
County Judge
Logan County Courthouse
Paris, Arkansas 72855

The Honorable Joe Siebenmorgen
Mayor, City of Morrison Bluff
City Hall
Morrison Bluff, Arkansas 72863

Mr. L. E. Thompson
c/o Pine Bluff Warehouse Company
Post Office Box 6009
Pine Bluff, Arkansas 71611

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Chicopee Manufacturing Company

North Little Rock

CSN 600099 CASE REFERENCES

FIRST SUBMITTAL 15 May 81 AMENDED

SUMMARY:

Chicopee Manufacturing produces bonded non-woven fibers to produce various products such as Handi Wipes, Stretch 'N Dust and Tee Towels. Material, impregnated with zinc stearate dust, goes through a process called slitting. In the slitting operation fabric dust is produced. Chicopee proposes to collect the dust with a fabric filter. The dust will be collected in a dust hopper and removed. The clean air will be introduced back into the plant. Hence, there will be no emissions to the atmosphere.

ESTIMATED COST: \$ 20,000 TOTAL PROJECT: \$ 20,000

COMMENCEMENT OF INSTALLATION 7/1/81 COMMENCEMENT OF OPERATION 7/15/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 662-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Riceland Foods

Stuttgart

CSN 010080 CASE REFERENCES _____

FIRST SUBMITTAL June 1, 1981 AMENDED _____

SUMMARY:

Riceland Foods of Stuttgart proposes the installation of an additional truck dump for the unloading of rough rice. The dumper will be of the hydraulic type which lifts the front of the truck into the air allowing the rice to fall into the hopper. A baghouse located on the roof of the new truck dump will control the emissions to the atmosphere. Estimated emissions are .045 pounds an hour during the period of actual dumping and .009 pounds an hour from associated conveying equipment. This new facility will reduce the usage of other facilities, and the total amount of rice handled will not change.

ESTIMATED COST: \$ 27,000 TOTAL PROJECT: \$ 500,000

COMMENCEMENT OF INSTALLATION 6-1-81 COMMENCEMENT OF OPERATION 9-1-81

RECOMMENDATION approval ASSIGNED PERMIT NUMBER 663-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Ensco
El Dorado
CSN 700098 CASE REFERENCES 249-A (Modification)
FIRST SUBMITTAL 19 June 81 AMENDED

SUMMARY:

Ensco proposes a revision of their permit to operate a waste incinerator at El Dorado so that the design of the system can be updated and existing advances in pollution control technology can be incorporated into the operation of the plant. The state proposes to bring the Ensco operation under the regulations of the State Implementation Plan and to incorporate as a part of the permit, state and federal regulations which have been promulgated since the issuance of the previous permit.

The Ensco system consists of storage tanks for receiving, storing, and blending liquid wastes; a high torque shredder; two hammermills; one hopper; appropriate waste transfer equipment; one rotary kiln; one primary combustion chamber; one secondary combustion chamber; one package boiler; three air compressors; one air scrubbing system; one tall stack; a hydraulic press; three ponds (two existing, one to be constructed); storage buildings and offices. The Ensco system has been tested three times by EPA and the system was found to meet or exceed all applicable state and federal standards on each occasion. The first test was conducted in June of 1977. The principal organic hazardous constituents of the wastes that were tested were hexachlorocyclopentadiene, hexachlorobenzene, octachlorocyclopentadiene; and pentachlorobenzene. The most stable of the four compounds being hexachlorobenzene. All wastes were destroyed to below detectable limits. In 1979 and 1980 the system was again tested for its ability to destroy polychlorinated biphenyl compounds (PCB's). The PCB's were also destroyed to below detectable limits.

The incinerator will operate under two different sets of conditions. Those when PCB's are being burned and those when PCB's are not being burned. The shredder and hammermills are used to grind large objects such as barrels and capacitors prior to them being introduced into the rotary kiln. The shredder, hammermills, rotary kiln, and both combustion chambers operate under negative pressures to prevent the escape of any material to the atmosphere. Any gases introduced into

or generated in the rotary kiln are passed into the primary and secondary combustion chambers to insure their complete combustion. Ash from the rotary kiln is collected in barrels and tested for appropriate hazardous constituents prior to its disposal in an appropriate approved landfill. Gases from the secondary combustion chamber are scrubbed in a jet ejector prior to being discharged through the stack.

QUALIFICATIONS:

A. General

1. All information in the permit application becomes terms of the permit unless specifically changed or deleted by written word from this Department.
 2. The principal organic hazardous constituent (POHC) for terms of this permit will be hexachlorobenzene and polychlorinated biphenyls.
 3. Ensco is prohibited from burning or receiving any material more difficult to thermally decompose than the POHC's previously mentioned in (2) above.
 4. The method of determination for (3) above will be by differential thermal analysis and/or by the weight percent of halogens in the molecule. The more restrictive of the two will be the governing test.
 5. There must be 4% excess oxygen at all times in the system.
 6. The CO level in the exhaust gas cannot exceed 50 parts per million.
 7. The shredder, hammermills, rotary kiln, and primary and second combustion chambers must be under negative pressure at all times when waste material is being fed to that particular piece of equipment. There must be automatic instrumentation to shut down the feed to that particular piece of equipment in the event of the loss of negative pressure at that piece of equipment.
 8. No hazardous waste may be fed to the incinerator unless it has reached equilibrium at the proposed operating conditions.
 9. The rotary kiln temperature, the primary combustion chamber temperature, the CO level and the O₂ level must be recorded continuously during any period of operation.
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10. The scrubber temperature, opacity, feed pump pressure, jet ejector pressure, and the drafts at the rotary kiln, the primary combustion chamber, and the scrubber must be recorded hourly.
 11. The opacity of the plume from the stack cannot exceed 20%.
 12. There must be no emission of any air contaminant including odors, vapors, particulates, etc., if the emission of that contaminant constitutes air pollution within the meaning of Sec. 82-1933(2) of the Act.
- B. When PCB's are being burned:
1. The rotary kiln will operate at a minimum of 1200° F.
 2. The primary combustion chamber will operate at a minimum of 2100° F.
- C. When non PCB's are being burned:
1. The primary combustion chamber will operate at a minimum of 1800° F.
- D. When the Federal Regulations concerning hazardous waste incinerators become final Ensco will:
1. Have developed a scrubbing method for reducing the particulate loading to 180 milligrams of particulate per dry standard cubic meter of the stack gas at 50% excess air.
 2. Have a method or acceptable alternative for measuring the feed flow rate to the incinerator continuously.
 3. Have within six months an acceptable closure plan.

ESTIMATED COST NA TOTAL PROJECT NA

COMMENCEMENT OF INSTALLATION NA REVIEWED BY PDD

COMMENCEMENT OF OPERATION NA APPROVED BY JDW

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 249-A (Mod.)

NOTICE OF PUBLIC HEARING

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:

On July 21, 1981, a public hearing will be held to receive comments on a proposed revision of the State Implementation Plan (SIP) for air pollution control. The hearing will be held in conjunction with public hearings on other proposed policy and regulation changes by the Department to begin at 7 p.m. at the Arkansas Game and Fish Commission Auditorium, No. 2 Natural Resources Drive in Little Rock.

The proposed revisions in the SIP would extend the provisions of the plan to the operations of Energy Systems Company, Inc. (ENSCO) of El Dorado. Proposed as part of the revision process to be considered is the establishment of emission limitations and monitoring requirements to be made specifically applicable to ENSCO's operation. A proposed permit stating such limitations and requirements has been drafted and will be subject to public review during the SIP revision process.

The hearing on the SIP revision and ENSCO's permit application will be scheduled immediately following previously announced hearings on proposed revisions to the Arkansas Hazardous Waste Management Code and a proposed policy concerning receipt of public comments during the Department's decision-making processes. The three hearings will be held consecutively, with the Hazardous Waste Code being submitted first, the proposed Public Comment Policy second, and the State Implementation Plan revisions, third.

For the accuracy of the record, all comments should be submitted in writing at the time of the hearing. Interested or affected parties may also submit written comments on the proposal to the Department within 30 days of this publication. Proposed SIP revisions, the proposed permit and related information will be open to public after June 21, 1981, during usual business hours, at the Department of Pollution Control and Ecology, 8001 National Drive in Little Rock, and at the following information depositories in libraries statewide:

Clark County Library, 609 Caddo, Arkadelphia
White River Regional Library, 368 E. Main, Batesville
Blytheville Public Library, 200 N. Fifth
Public Library of Camden and Ouachita County, 120 Harrison Ave. SW
Clinton Public Library, 108 S. Court
Terryson Library, University of Central Arkansas, Conway
Paul Sullins Public Library, 125 Main, Crossett
Barton Library, East Fifth and North Jefferson, El Dorado
Ozarks Regional Library Headquarters, 217 E. Dickson, Fayetteville
Forrest City Public Library, 421 S. Washington
Fort Smith Public Library, 61 S. Eighth
North Arkansas Regional Library, 123 Jaycee Ave., Harrison
Helena Public Library, 623 Pecan
Tri-Lakes Regional Library, 200 Woodbine, Hot Springs
Crowley Ridge Regional Library, 315 W. Oak, Jonesboro
Little Rock Public Library, 700 Louisiana
Arkansas State Library, One Capitol Mall, Little Rock
Magnolia Public Library, 220 E. Main
Mena Public Library, 410 Eighth
Southeast Arkansas Regional Library, 233 S. Main, Monticello
Baxter County Library, West Seventh St., Mountain Home
Nashville Public Library, North Main St.
Ozark Public Library, 407 W. Market
Watson Memorial Library, University of Arkansas at Pine Bluff
Randolph County Library, 121 E. Everett, Pocahontas
Pope County Library, 114 E. Third, Russellville
White County Public Library, Spring Park, Searcy
Stuttgart Public Library, 404 S. Grand
Texarkana Public Library, 901 State Line
West Memphis Public Library, Avalon and Olive Streets

Dated this 16th day of June, 1981

Jarrell E. Southall, Director
Department of Pollution Control and Ecology

Summary

The Regulations of the Arkansas Plan of Implementation for Air Pollution Control (the Regulations) establish allowable emission limitations for sources that would have an impact on the attainment and maintenance of the National Ambient Air Quality Standards.

The Department of Pollution Control and Ecology issued a public notice which appeared in newspapers of statewide circulation on June 16, 1981, announcing its intent to revise the Regulations. The proposed revision, which will be the subject of a public hearing on July 21, 1981, would require Energy Systems Company (ENSCO) to comply with the provisions of the Regulations. This proposed revision requires existing equipment at ENSCO to be subject to emission limitations set forth in Section 8, as well as all other provisions of the SIP.

The Department has performed air quality analysis and has drafted a permit, subject to the Commission on Pollution Control and Ecology and the Environmental Protection Agency's approval, that establishes emission limitations and monitoring requirements specifically applicable to ENSCO's operation.

A copy of the report of the air quality analysis and the draft permit are attached and are hereby submitted for public review and comment in accordance with the terms of the public notice which is referenced previously. The report of the air quality analysis demonstrates that compliance with the limitations of Section 8 of the Regulations will assure maintenance of the National Ambient Air Quality Standards.

BUGGR(3) VERSION 80-11

ARKANSAS DEPARTMENT OF
POLLUTION CONTROL AND ECOLOGY

TUE 23 JUN 1981 12:41:05.79

ENSCO-EXISTING NORMAL (ENSC02)

STACK DATA

UTM X (KM)	UTM Y (KM)	HEIGHT (FT)	DIA (FT)	TEMP (F)	VEL. (F/S)	EMISSION (LB/HR)	STACK ID	(KM2)	PL
0.00	0.00	150.00	9.5	170.0	9.40	34.0	ENSC02		BR

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
8001 National Drive Little Rock, AR 72209



- ECOLOGY
 AIR DIVISION
 WATER DIVISION
 SOLID WASTE DIVISION

SHEET 1 of

DATE 6-23-81 BY

PROJECT ENSCO

PROJECT ENGINEERS CH

Ambient Air Impact Analysis: Particulate

The maximum predicted 24-hour concentration is 4.7 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

1.8% of the primary National Ambient Air Quality Standard (NAAQS) of $260 \mu\text{g}/\text{m}^3$.

3.1% of the secondary NAAQS of $150 \mu\text{g}/\text{m}^3$.

The predicted annual concentration is $0.5 \mu\text{g}/\text{m}^3$.

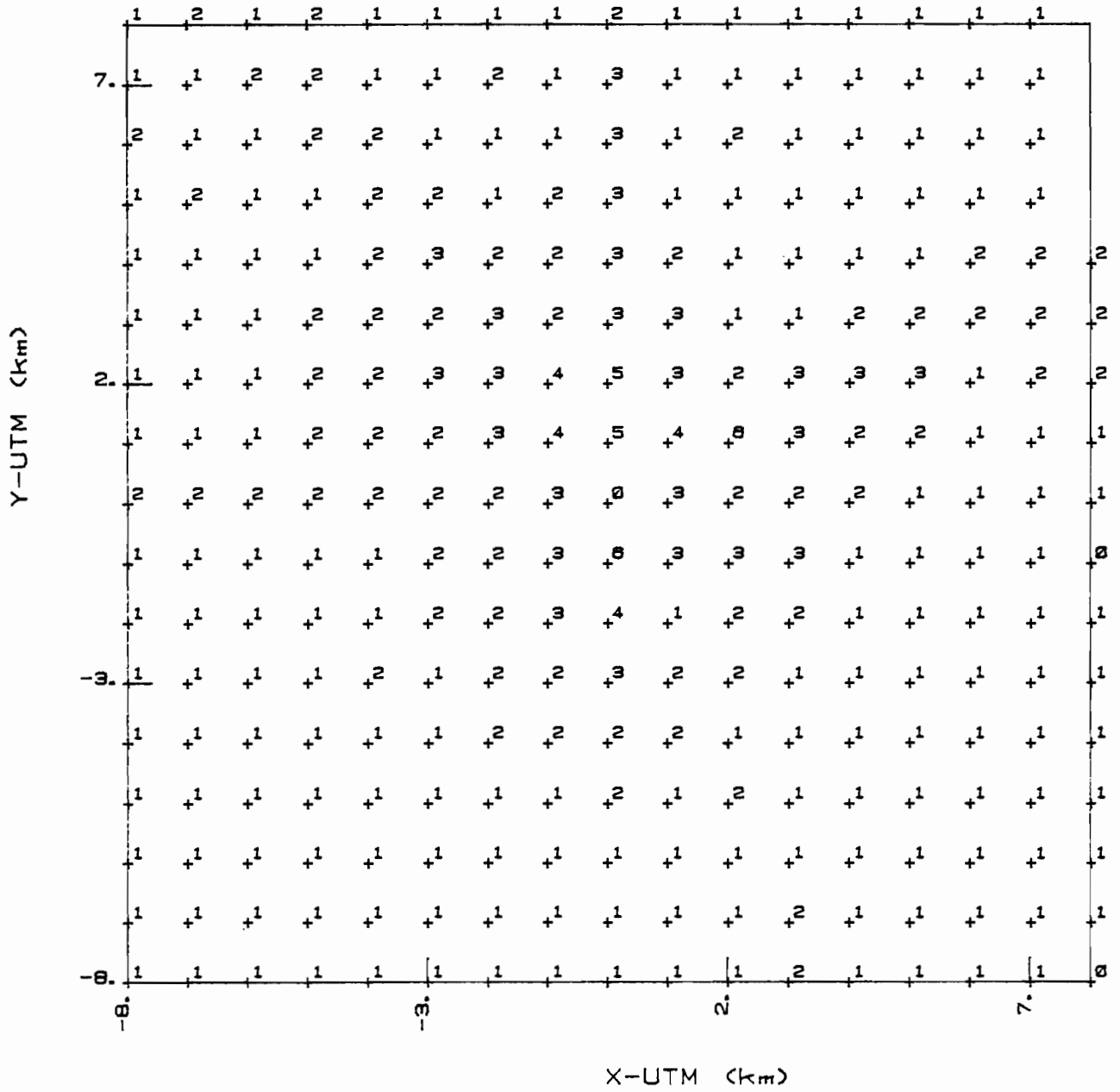
0.7% of the primary NAAQS.

0.8% of the Secondary NAAQS.

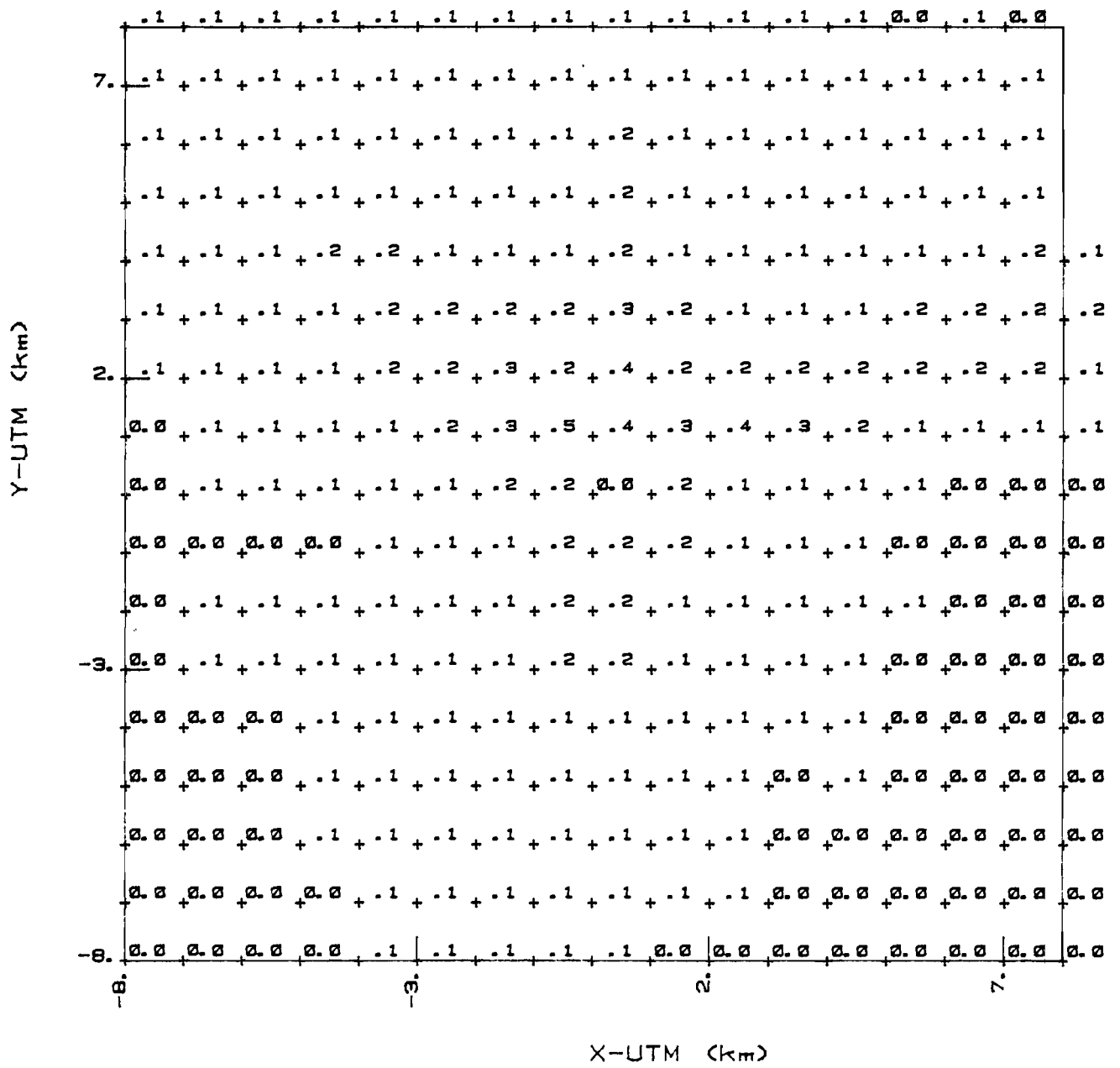
The maximum predicted 3 hour concentration is $20.5 \mu\text{g}/\text{m}^3$.

No NAAQS.

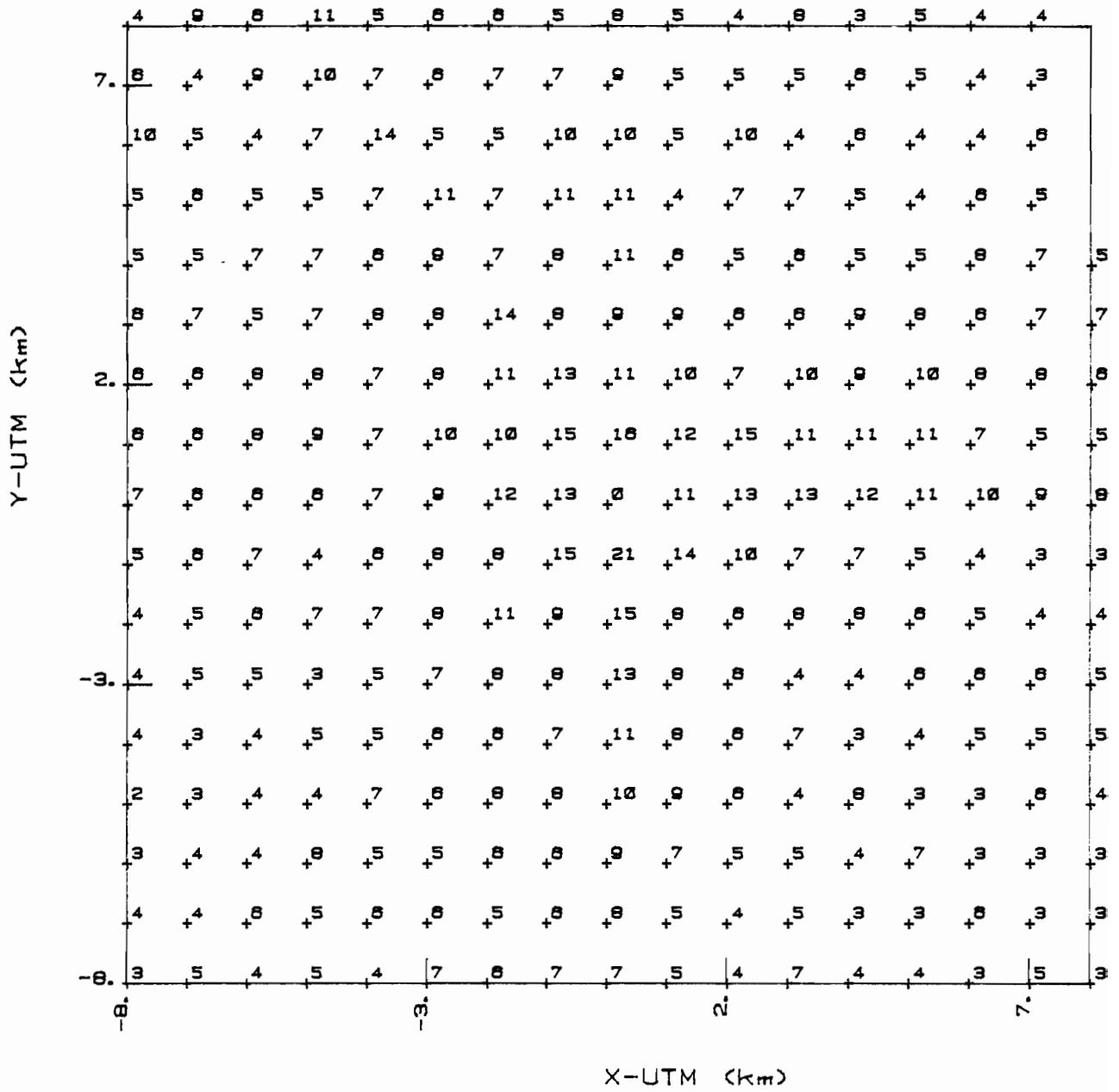
ENSCO-EXISTING
 1ST-HIGH 24-HOUR AVERAGE CONC. ($\mu\text{g}/\text{m}^3$)



ENSCO-EXISTING
ANNUAL AVERAGE CONC. ($\mu\text{g}/\text{m}^3$)



ENSCO-EXISTING
 1ST-HIGH 3-HOUR AVERAGE CONC. ($\mu\text{g}/\text{m}^3$)



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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: HMB Construction Company
Texarkana

CSN: 882201 CASE REFERENCES: _____

FIRST SUBMITTAL: 22 June 81 AMENDED: _____

SUMMARY:

HMB Construction Company proposes the installation of a hot-mix asphalt plant at Texarkana. Air emissions are controlled by a venturi scrubber. Estimated emissions are 6 pounds of particulates an hour. The water from the venturi scrubber will be collected in a holding pond.

QUALIFICATIONS: 1. Within 60 days after reaching the maximum production rate but not later than 180 days after beginning production, the facility must be tested according to EPA method 5.

2. The opacity of the exhaust from the stack must not exceed 20%.

3. The maximum grain loading in the stack gas must not exceed .04 grains per dry standard cubic foot.

ESTIMATED COST: _____ TOTAL PROJECT: \$205,000

COMMENCEMENT OF INSTALLATION: 1 July 81 COMMENCEMENT OF OPERATION: 1 July 81

REVIEWED BY: PDD APPROVED BY: JDW

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 664-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:

HMB Construction Company proposes the installation of a hot-mix asphalt plant at Texarkana. Air emissions are controlled by a venturi scrubber. Estimated emissions are 6 pounds of particulates an hour. The water from the venturi scrubber will be collected in a holding pond.

QUALIFICATIONS: (1) Within 60 days after reaching the maximum production rate, but not later than 180 days after beginning production, the facility must be tested according to EPA method 5. (2) The opacity of the exhaust from the stack must not exceed 20%.

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 Texarkana Public Library, Texarkana, Texas.

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

Dated this 30th day of June, 1981.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED JUNE 30, 1981

HMB CONSTRUCTION COMPANY

Ms. Fran Phillips
Acting Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

The Honorable Sam Rose
Miller County Judge
Miller County Courthouse
Texarkana, Arkansas 75501

The Honorable Bobby Ferguson
Mayor, City of Texarkana
City Hall
Post Office Box 2711
Texarkana, Arkansas 75501

Mr. Gus Von Bodungen, Chief
Air Quality Division
Office of Environmental Affairs
Department of Natural Resources
Post Office Box 44066
Baton Rouge, Louisiana 70804

Mr. John Gallion, Chief
Air Quality Service
Oklahoma Department of Health
N.E. 10th and Stonewall
Oklahoma City, Oklahoma 73152

Mr. Bill Stewart, P.E.
Executive Director
Texas Air Control Board
6330 Hwy. 290 East
Austin, Texas 78723

Mrs. W. R. Capshaw, Librarian
Texarkana Public Library
901 State Line Avenue
Texarkana, Texas 75501

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

Texarkana Gazette/Daily News
Box 621
Texarkana, Texas 75501

Mr. Byron Manning
HMB Construction Company
Post Office Box 5606
Texarkana, Texas 75501

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Bunge Corporation

Huffman

CSN 470167 CASE REFERENCES Modification 335-A

FIRST SUBMITTAL 15 May 81 AMENDED

SUMMARY:

The Bunge Corporation proposes the installation of a new truck dump, dump shed, steel storage tank, and appropriate transfer devices. The conveyors will be covered with dust pick-up points at the necessary locations. The truck dump will have two dust pick-up points. The dust will be controlled with a fabric filter with an efficiency of 99.9%. Estimated emissions are 0.86 pounds an hour of particulate.

QUALIFICATIONS: The facility must meet or exceed all federal new source performance standards. Sampling must be by EPA method 5.

ESTIMATED COST: \$ 100,000.00 TOTAL PROJECT: \$ 3,000,000.00

COMMENCEMENT OF INSTALLATION 5/15/81 COMMENCEMENT OF OPERATION 9/15/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 335-A (Mod.)

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

REV. 6/80

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Bunge Corporation

Huffman

CSN 470167 CASE REFERENCES Modification 335-A

FIRST SUBMITTAL 15 May 81 AMENDED

SUMMARY:

The Bunge Corporation proposes the installation of a new truck dump, dump shed, steel storage tank, and appropriate transfer devices. The conveyors will be covered with dust pick-up points at the necessary locations. The truck dump will have two dust pick-up points. The dust will be controlled with a fabric filter with an efficiency of 99.9%. Estimated emissions are 0.86 pounds an hour of particulate.

QUALIFICATIONS: The facility must meet or exceed all federal new source performance standards. Sampling must be by EPA method 5.

ESTIMATED COST: \$ 100,000.00 TOTAL PROJECT: \$ 3,000,000.00

COMMENCEMENT OF INSTALLATION 5/15/81 COMMENCEMENT OF OPERATION 9/15/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 335-A (Mod.)

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

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 Bunge Corporation proposes the installation of a new truck dump, dump shed, steel storage tank, and appropriate transfer devices. The conveyors will be covered with dust pick-up points at the necessary locations. The truck dump will have two dust pick-up points. The dust will be controlled with a fabric filter with an efficiency of 99.9%. Estimated emissions are 0.86 pounds an hour of particulate.

QUALIFICATIONS: The facility must meet or exceed all federal new source performance standards. Sampling must be by EPA method 5.

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 Blytheville Public Library, Blytheville, Arkansas.

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

Dated this 30th day of June, 1981.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED JUNE 30, 1981

BUNGE CORPORATION

Ms. Fran Phillips
Acting Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

Blytheville Courier News
Broadway and Moultrie Streets
Blytheville, Arkansas 72315

The Honorable A. A. Banks
County Judge
Mississippi County Courthouse
Blytheville, Arkansas 72315

The Honorable Tom Little, Jr.
Mayor, City of Blytheville
City Hall
Blytheville, Arkansas 72315

Mr. Jay Ziolk
Blytheville Public Library
200 N. Fifth
Blytheville, Arkansas 72315

Mr. Al Chambers
Bunge Corporation
Post Office Box 28500
11975 Westline Drive
St. Louis, Missouri 63141

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Dow Chemical Company
Russellville

CSN: 580011 CASE REFERENCES: _____

FIRST SUBMITTAL: 6-10-81 AMENDED: _____

SUMMARY:

Permit No. 351-AI (attached) was issued to Dow on November 21, 1980 for the installation of an incinerator to consume approximately 1,300 pounds per hour of normal plant waste, primarily packing material, and small quantities of materials which were thought to be subject to the regulations for the control of hazardous waste. Since that time, it has been decided that the materials are not affected by the hazardous waste regulations. Additionally, Dow proposes to route a portion of the stack gases from the incinerator, after being diluted with ambient air, to a tower where water from a brine generated by the neutralization of spent plating solution will be evaporated.

The residue from the incinerator has been tested and found to be non-hazardous, and is being disposed of in the Russellville landfill.

The allowable emissions rates will not be specified until the actions required by the qualifications have been completed.

QUALIFICATIONS: (1) No later than October 1, 1981, Dow shall perform testing of the particulate and combustion gases (carbon monoxide and dioxide) emissions from the incinerator and evaporation tower, and by October 15, 1981 the stack sampling data shall have been transmitted to the Department.

(2) By November 1, 1981, the Department shall notify the applicant of the need, if any, for equipment modifications, and/or additional testing.

ESTIMATED COST: _____ TOTAL PROJECT: \$183,000

COMMENCEMENT OF INSTALLATION: Upon Approval COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED BY: JDW APPROVAL DATE: 7-24-81

RECOMMENDATION: Approval/with qualifications ASSIGNED PERMIT NUMBER: 582-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:

Permit No. 351-AI was issued to Dow on November 21, 1980 for the installation of an incinerator to consume approximately 1,300 pounds per hour of normal plant waste, primarily packing material, and small quantities of materials which were thought to be subject to the regulations for the control of hazardous waste. Since that time, it has been decided that the materials are not affected by the hazardous waste regulations. Additionally, Dow proposes to route a portion of the stack gases from the incinerator, after being diluted with ambient air, to a tower where water from a brine generated by the neutralization of spent plating solution will be evaporated.

The residue from the incinerator has been tested and found to be non-hazardous, and is being disposed of in the Russellville landfill.

The allowable emissions rates will not be specified until the actions required by the qualifications have been completed.

QUALIFICATIONS: (1) No later than October 1, 1981, Dow shall perform testing of the particulate and combustion gases (carbon monoxide and dioxide) emissions from the incinerator and evaporation tower, and by October 15, 1981 the stack sampling data shall have been transmitted to the Department.

(2) By November 1, 1981, the Department shall notify the applicant of the need, if any, for equipment modifications, and/or additional testing.

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 the Pope County Library, Russellville, Arkansas.

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

Dated this 30th day of June, 1981.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED JUNE 30, 1981

DOW CHEMICAL COMPANY

Ms. Fran Phillips
Acting Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

The Honorable Samuel "Bus" Rye
County Judge
Pope County Courthouse
Russellville, Arkansas 72801

The Honorable Ron Russell
Mayor, City of Russellville
City Hall
Post Office Box 428
Russellville, Arkansas 72801

Mrs. Adeline Wetzel
Pope County Library
114 E. Third
Russellville, Arkansas 72801

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

Russellville Courier-Democrat
201 E. Second
Russellville, Arkansas 72801

Mr. E. B. Lauderdale, Jr.
Environmental Specialist
Dow Chemical, USA
Post Office Box 1408
Russellville, Arkansas 72801

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Ethyl Corporation

Magnolia

CSN 140028 CASE REFERENCES

FIRST SUBMITTAL 2 June 81 AMENDED

SUMMARY:

Ethyl Corporation proposes the installation of an Atlas Incinerator. This incinerator will be used to burn type 0 and type 1 wastes which will consist primarily of office paper and lunchroom debris. The estimated emissions are .07 grains per dry standard cubic foot corrected to 12% CO₂ which will be less than 1 pound an hour of particulate emissions.

ESTIMATED COST: \$ 9,290 TOTAL PROJECT: \$ 9,290

COMMENCEMENT OF INSTALLATION 7/1/81 COMMENCEMENT OF OPERATION 7/15/81

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 353-AI

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

or generated in the rotary kiln are passed into the primary and secondary combustion chambers to insure their complete combustion. Ash from the rotary kiln is collected in barrels and tested for appropriate hazardous constituents prior to its disposal in an appropriate approved landfill. Gases from the secondary combustion chamber are scrubbed in a jet ejector prior to being discharged through the stack.

QUALIFICATIONS:

A. General

1. All information in the permit application becomes terms of the permit unless specifically changed or deleted by written word from this Department.
 2. The principal organic hazardous constituent (POHC) for terms of this permit will be hexachlorobenzene and polychlorinated biphenyls.
 3. Ensco is prohibited from burning or receiving any material more difficult to thermally decompose than the POHC's previously mentioned in (2) above.
 4. The method of determination for (3) above will be by differential thermal analysis and/or by the weight percent of halogens in the molecule. The more restrictive of the two will be the governing test.
 5. There must be 4% excess oxygen at all times in the system.
 6. The CO level in the exhaust gas cannot exceed 50 parts per million.
 7. The shredder, hammermills, rotary kiln, and primary and second combustion chambers must be under negative pressure at all times when waste material is being fed to that particular piece of equipment. There must be automatic instrumentation to shut down the feed to that particular piece of equipment in the event of the loss of negative pressure at that piece of equipment.
 8. No hazardous waste may be fed to the incinerator unless it has reached equilibrium at the proposed operating conditions.
 9. The rotary kiln temperature, the primary combustion chamber temperature, the CO level and the O₂ level must be recorded continuously during any period of operation.
-

10. The scrubber temperature, opacity, feed pump pressure, jet ejector pressure, and the drafts at the rotary kiln, the primary combustion chamber, and the scrubber must be recorded hourly.
 11. The opacity of the plume from the stack cannot exceed 20%.
 12. There must be no emission of any air contaminant including odors, vapors, particulates, etc., if the emission of that contaminant constitutes air pollution within the meaning of Sec. 82-1933(2) of the Act.
- B. When PCB's are being burned:
1. The rotary kiln will operate at a minimum of 1200° F.
 2. The primary combustion chamber will operate at a minimum of 2100° F.
- C. When non PCB's are being burned:
1. The primary combustion chamber will operate at a minimum of 1800° F.
- D. When the Federal Regulations concerning hazardous waste incinerators become final Ensco will:
1. Have developed a scrubbing method for reducing the particulate loading to 180 milligrams of particulate per dry standard cubic meter of the stack gas at 50% excess air.
 2. Have a method or acceptable alternative for measuring the feed flow rate to the incinerator continuously.
 3. Have within six months an acceptable closure plan.

(NOTE ALLOWABLE EMISSION RATES ON PAGE 4)

ESTIMATED COST NA TOTAL PROJECT NA
 COMMENCEMENT OF INSTALLATION NA REVIEWED BY PDD
 COMMENCEMENT OF OPERATION NA APPROVED BY JDW
 RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 249-A (Mod.)

<u>SOURCE</u>	<u>POLLUTANT</u>	<u>ALLOWABLE EMISSION (POUNDS/HOUR)</u>
1. Incinerator	particulate	34
	sulfur dioxide	69
	nitrogen oxides	39
	carbon monoxide	5
	hydrocarbons	1
	hydrogen chloride	35
2. Power Boiler	particulate	1
	sulfur dioxide	1
	nitrogen oxides	10
	carbon monoxide	1
	hydrocarbons	1

ESTIMATED COST NA TOTAL PROJECT NA

COMMENCEMENT OF INSTALLATION NA REVIEWED BY PDD

COMMENCEMENT OF OPERATION NA APPROVED BY JDW

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 249-A (Mod.)

APPROVAL DATE July 24, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Dow Chemical Company
Russellville
 CSN: 580011 10-81
 FIRST SUBMITTAL: CASE REFERENCES: _____
 AMENDED: _____

F. SUMMARY

Permit No. (attached) was issued to Dow on November 21, 1980 for the installation of an incinerator to consume approximately 1,300 pounds per hour of normal plant waste, primarily at the materials, and small quantities of hazardous waste. Since that time, it has been thought to be subject to hazardous waste regulations. Dow proposes to route a portion of the stack gases from the incinerator, which have been diluted with ambient air, to a tower where water from a brine generated by the incinerator, and addition of spent plating solution will be evaporated.

Dow Chemical Company
carbonaceous
of waste

1. Air quality standards have been tested and found to be non-hazardous, and
2. Emissions from the incinerator has been tested and found to be non-hazardous, and
3. Disposal of in the Russellville landfill.
4. Emission rates will not be specified until the actions required for
5. Emissions have been completed.

REQUIREMENTS: (1) No later than October 1, 1981, Dow shall perform testing of particulate and combustion gases (carbon monoxide and dioxide) emissions from the incinerator and evaporation tower, and by October 15, 1981 the stack samples shall have been transmitted to the Department.

(2) By November 1, 1981, the Department shall notify Dow of the need, if any, for equipment modifications, and/or additional testing of the need, if any, for equipment modifications, and/or additional testing.

Dow project
determination

Qualifications

1) This

prior

ESTIMATED COST: _____ TOTAL PROJECT: _____
 COMMENCEMENT OF INSTALLATION: Upon Approval COMMENCED: _____
 REVIEWED BY: CDH APPROVED BY: _____
 RECOMMENDATION: Approval with qualifications ASSIGNED: _____

PROJECT: \$ 133,000
 OPERATION: _____
 (Temporary)

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Dow Chemical Company
Russellville

CSN: 580011 CASE REFERENCES: _____

FIRST SUBMITTAL: 6-10-81 AMENDED: _____

SUMMARY:

Permit No. 351-AI (attached) was issued to Dow on November 21, 1980 for the installation of an incinerator to consume approximately 1,300 pounds per hour of normal plant waste, primarily packing material, and small quantities of materials which were thought to be subject to the regulations for the control of hazardous waste. Since that time, it has been decided that the materials are not affected by the hazardous waste regulations. Additionally, Dow proposes to route a portion of the stack gases from the incinerator, after being diluted with ambient air, to a tower where water from a brine generated by the neutralization of spent plating solution will be evaporated.

The residue from the incinerator has been tested and found to be non-hazardous, and is being disposed of in the Russellville landfill.

The allowable emissions rates will not be specified until the actions required by the qualifications have been completed.

QUALIFICATIONS: (1) No later than October 1, 1981, Dow shall perform testing of the particulate and combustion gases (carbon monoxide and dioxide) emissions from the incinerator and evaporation tower, and by October 15, 1981 the stack sampling data shall have been transmitted to the Department.

(2) By November 1, 1981, the Department shall notify the applicant of the need, if any, for equipment modifications, and/or additional testing.

ESTIMATED COST: _____ TOTAL PROJECT: \$183,000

COMMENCEMENT OF INSTALLATION: Upon Approval COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED BY: JDW APPROVAL DATE: 7-24-81

RECOMMENDATION: Approval/with qualifications ASSIGNED PERMIT NUMBER: 582-A (Modification)

REVIEWED BY CDH Qualification APPROVED BY WLT APPROVAL DATE 11-21-80 REV 9/79

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Alcoa

Bauxite

CSN: 630010 CASE REFERENCES: Modification to Permit No. 13

FIRST SUBMITTAL: 6-18-81 AMENDED: _____

SUMMARY:

Alcoa has installed a wheelabrator-Frye Electrostatic precipitator on its No. 1 Sinter Kiln. This is the same type of ESP that is on the other Sinter Kilns. This will reduce the particulate emissions from 100 pounds an hour to 25 pounds an hour.

ESTIMATED COST: \$345,000 TOTAL PROJECT: \$960,000

COMMENCEMENT OF INSTALLATION: June 1980 COMMENCEMENT OF OPERATION: August 1980

REVIEWED BY: PDD APPROVED BY: JDW APPROVAL DATE: July 24, 1981

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 13-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:

Alcoa has installed a wheelabrator-Frye Electrostatic precipitator on its No. 1 Sinter Kiln. This is the same type of ESP that is on the other Sinter Kilns. This will reduce the particulate emissions from 100 pounds an hour to 25 pounds an 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, Little Rock.

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

Dated this 21st day of July, 1981.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED JULY 21, 1981

ALCOA

Ms. Fran Phillips
Acting Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

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

The Honorable Brenda Cockrell
Mayor, City of Bauxite
Post Office Box 145
Bauxite, Arkansas 72011

Mr. Mark Johnson, Director
Arkansas Department of Local Services
No. 1 Capitol Mall
Little Rock, Arkansas 72201

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

Reference Department
Central Arkansas Library System
Little Rock Public Library
700 Louisiana
Little Rock, Arkansas 72201

Mr. Nicholas Kloap
Environmental Supervisor Engineer
Aluminum Company of America
Post Office Box 300
Bauxite, Arkansas 72011

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Alcoa

Bauxite

CSN: 630010 CASE REFERENCES: Registration

FIRST SUBMITTAL: June 20, 1981 AMENDED: _____

SUMMARY:

Alcoa proposes to replace an existing baghouse in Building 106 with a new more efficient baghouse. The source is an existing source previously covered only by a registration. The previous limit was four pounds an hour of particulates, and the new limit will be one pound an hour.

ESTIMATED COST: \$26,000 TOTAL PROJECT: \$94,000

COMMENCEMENT OF INSTALLATION: August, 1980 COMMENCEMENT OF OPERATION: October, 1980

REVIEWED BY: PDD APPROVED BY: JDW APPROVAL DATE: July 24, 1981

RECOMMENDATION: Approval ASSIGNED PERMIT NUMBER: 665-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 proposes to replace an existing baghouse in Building 106 with a new more efficient baghouse. The source is an existing source previously covered only by a registration. The previous limit was four pounds an hour of particulates, and the new limit will be one pound an 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, Little Rock.

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

Dated this 21st day of July, 1981.

Jarrell E. Southall
Director

PUBLIC NOTICES MAILED JULY 21, 1981

ALCOA

Ms. Fran Phillips
Acting Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

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

The Honorable Brenda Cockrell
Mayor, City of Bauxite
Post Office Box 145
Bauxite, Arkansas 72011

Mr. Mark Johnson, Director
Arkansas Department of Local Services
No. 1 Capitol Mall
Little Rock, Arkansas 72201

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

Reference Department
Central Arkansas Library System
Little Rock Public Library
700 Louisiana
Little Rock, Arkansas 72201

Mr. Nicholas Kloap
Environmental Supervisor Engineer
Aluminum Company of America
Post Office Box 300
Bauxite, Arkansas 72011

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Alcoa
Bauxite
CSN 630010 CASE REFERENCES 666-A
FIRST SUBMITTAL July 7, 1981 AMENDED

SUMMARY:

Alcoa proposes to replace existing equipment in Building 51 and Building 60 with new equipment. There will be eight new bag collectors in Building 51, replacing one large collector, and one new bag collector in Building 60. In each case, the net emissions of particulates will be less than one pound an hour. The existing bag filters in Building 51 are covered by registration and do not have a permit number.

ESTIMATED COST: \$115,000 TOTAL PROJECT: \$ 372,000
COMMENCEMENT OF INSTALLATION 10-1-81 COMMENCEMENT OF OPERATION 2-1-82
RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 666-A
REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

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 proposes to replace existing equipment in Building 51 and Building 60 with new equipment. There will be eight new bag collectors in Building 51, replacing one large collector, and one new bag collector in Building 60. In each case, the net emissions of particulates will be less than one pound an hour. The existing bag filters in Building 51 are covered by registration and do not have a permit number.

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, Little Rock.

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

Dated this 21st day of July, 1981.

Jarrell E. Southall

PUBLIC NOTICES MAILED JULY 21, 1981

ALCOA

Ms. Fran Phillips
Acting Regional Administrator
Environmental Protection Agency
Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270

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

The Honorable Brenda Cockrell
Mayor, City of Bauxite
Post Office Box 145
Bauxite, Arkansas 72011

Mr. Mark Johnson, Director
Arkansas Department of Local Services
No. 1 Capitol Mall
Little Rock, Arkansas 72201

The Arkansas Gazette
112 West Third Street
Little Rock, Arkansas 72201

The Arkansas Democrat
East Capitol and Scott Streets
Little Rock, Arkansas 72201

Reference Department
Central Arkansas Library System
Little Rock Public Library
700 Louisiana
Little Rock, Arkansas 72201

Mr. Nicholas Kloap
Environmental Supervisor Engineer
Aluminum Company of America
Post Office Box 300
Bauxite, Arkansas 72011

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Pillsbury Company

Pine Bluff

CSN 350179 CASE REFERENCES _____

FIRST SUBMITTAL 6-23-81 AMENDED _____

SUMMARY:

The Pillsbury Company of Minneapolis, Minnesota has purchased the facility owned by Pioneer Foods at 121 S. Kansas Street in Pine Bluff. Pioneer Foods did not have a permit and was operating under a registration. No process or emission changes will be made.

ESTIMATED COST: \$ NA TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION NA COMMENCEMENT OF OPERATION NA

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 667-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Pillsbury Company

Dermott

CSN 090034 CASE REFERENCES

FIRST SUBMITTAL 6-23-81 AMENDED

SUMMARY:

The Pillsbury Company of Minneapolis, Minnesota has purchased the facility owned by Pioneer Foods at Post Office Box 304 in Dermott. Pioneer Foods did not have a permit and was operating under a registration. No process or emission changes will be made.

ESTIMATED COST: \$ NA TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION NA COMMENCEMENT OF OPERATION NA

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 668-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Pillsbury Company

Fair Oaks

CSN 190077 CASE REFERENCES _____

FIRST SUBMITTAL 6-23-81 AMENDED _____

SUMMARY:

The Pillsbury Company of Minneapolis, Minnesota has purchased the facility owned by Pioneer Foods at Fair Oaks - 5 miles south on Highway 49. Pioneer Foods did not have a permit and was operating under a registration. No process or emission changes will be made.

ESTIMATED COST: \$ NA TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION NA COMMENCEMENT OF OPERATION NA

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 670-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

REV. 6/80

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Pillsbury Company

Fair Oaks

CSN 190077 CASE REFERENCES _____

FIRST SUBMITTAL 6-23-81 AMENDED _____

SUMMARY:

The Pillsbury Company of Minneapolis, Minnesota has purchased the facility owned by Pioneer Foods at Fair Oaks - 1 mile south on Highway 49. Pioneer Foods did not have a permit and was operating under a registration. No process or emission changes will be made.

ESTIMATED COST: \$ NA TOTAL PROJECT: \$ NA

COMMENCEMENT OF INSTALLATION NA COMMENCEMENT OF OPERATION NA

RECOMMENDATION Approval ASSIGNED PERMIT NUMBER 671-A

REVIEWED BY PDD APPROVED BY JDW APPROVAL DATE July 24, 1981

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY Dow Chemical Company

Russellville

CSN 580011 CASE REFERENCES _____

FIRST SUBMITTAL 8-14-80 AMENDED 10-27-80

SUMMARY:

Dow Chemical operates a facility near Russellville which manufactures carbon anodes for use in chlorine cells. The following types and quantities of waste are generated:

1. Paper and rags	3,800 pounds/day
2. Wood	1,800 pounds/day
3. Waste oil	150 pounds/day
4. Plastics	5,200 pounds/day
5. Hazardous Waste	
a) 2% phenol in water	160 pounds/day
b) Dimethylaniline and methyl ethyl ketone peroxide in floor sweepings	12 pounds/day

Dow proposes the installation of an incinerator for a testing program to determine the viability of thermal destruction of each of the types of waste.

Qualifications:

- 1) This permit shall expire on July 1, 1981.
- 2) Prior to the testing of each type of waste, the methodology to be used (including, but not limited to, analysis of the stack gases and residue, measurement of temperatures and residence times) shall have been approved by the Department.

ESTIMATED COST: \$ _____ TOTAL PROJECT: \$ 133,000

COMMENCEMENT OF INSTALLATION _____ COMMENCEMENT OF OPERATION _____

RECOMMENDATION Approval with ASSIGNED PERMIT NUMBER 351-AI (Temporary)
Qualification

REVIEWED BY CDH APPROVED BY WLT APPROVAL DATE 11-21-80