

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

APPLICATION FOR PERMIT - INDUSTRIAL FACILITIES

PERMIT NO.	FACILITY & LOCATION	COST
437-A	Frit Industries, Inc. Walnut Ridge, AR	\$ 40,000
438-A	Lion Oil Company El Dorado, AR	\$ 51,000
439-A	Arkansas Fiberline, Inc. England, AR	\$ 75,000
440-A	Tucker Duck & Rubber Company Fort Smith, AR	\$ 27,000
441-A	Arkholo Sand & Gravel Company Fort Smith, AR	--
442-A	International Paper Company Pine Bluff, AR	\$1,227,000
443-A	Arkansas Kraft, Inc. Morrlilton, AR	--

COMMISSIONERS

[Handwritten signatures and initials over a list of lines]

Ralph A. Dumas
CHAIRMAN

SUBMITTED BY Jarrell E. Southall

DATE PASSED 11/18/77

APPLICATION FOR PERMIT - INCINERATOR

PERMIT NO.	FACILITY & LOCATION	COST
299-AI	McDonald's Forrest City, AR	\$ 7,000
300-AI	City of Little Rock Animal Shelter Little Rock, AR	\$ 9,573
301-AI	Dixie Dandy Ashdown, AR	\$ 6,751

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

AS
MB
BR
JS

CHAIRMAN

SUBMITTED BY Jarrell E. Southall

DATE PASSED 11/18/77

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Frit Industries, Inc.

Walnut Ridge

CSN: 380019

FIRST SUBMITTAL: 9/28/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Frit Industries proposes the installation of a raw materials processing facility for its zinc sulfate fertilizer plant. Frit receives zinc skimmings from basic metal industries. The zinc is normally 50% zinc oxide and 50% metallic zinc. The material is crushed and then screened to separate the oxide. All metallic zinc is sent to a stockpile to be loaded and shipped in open gondola cars. The remaining oxide is dried and then processed into fertilizer. Dust control will be obtained by use of a baghouse.

ESTIMATED COST: \$40,000 TOTAL PROJECT: \$250,000

COMMENCEMENT OF INSTALLATION: 10/1/77

COMMENCEMENT OF OPERATION: 11/1/77

REVIEWED BY: RMM APPROVED BY: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 437-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Lion Oil Company

El Dorado

CSN: 700016

FIRST SUBMITTAL: 9/15/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Because of the EPA's requirement of reducing lead in gasoline, Lion Oil must revamp its light run gasoline stream to improve octane quality. To do this, Lion proposes the installation of a pre-flash column reboiler heater. This heater has not been used since 1966 and will be moved to a new location. The heater is essentially unchanged, and the engineering modifications do not increase the heater emissions. In a letter from the EPA in Dallas on August 11, 1977, to Lion Oil, the EPA determined that the use of their crude heater is exempt from NSPS or PSD. Emissions from the heater are limited to SO₂. The potential emission rate is 13 pounds per hour.

ESTIMATED COST: \$51,000 TOTAL PROJECT: \$51,000

COMMENCEMENT OF INSTALLATION: 10/1/77

COMMENCEMENT OF OPERATION: 6/1/78

REVIEWED BY: RMM APPROVED BY: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 438-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Arkansas Fiberline, Inc.

England

CSN: 430043

FIRST SUBMITTAL: 9/21/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Arkansas Fiberline operates a facility in England which processes discarded cotton "motes" into saleable bales of cotton. The plant also bales and sells lower grade cotton to upholstery shops.

Approximately 3,000 pounds of useable cotton are produced from each 4,000 pounds processed per hour. The remaining trash and dust is either hauled away for disposal or collected for use as mulch. A by-pass valve is available to blow trash to an open storage area when no vehicles are located at the trash hopper. Six cyclones and two sets of water sprays are utilized to control cotton dust emissions.

QUALIFICATION: The use of the trash by-pass valve is not permitted for the purpose of continuing operations in the absence of disposal vehicles.

ESTIMATED COST: \$75,000 TOTAL PROJECT: \$300,000

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: JB APPROVED BY: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 439-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Tucker Duck and Rubber Company

Fort Smith

CSN: 660038

FIRST SUBMITTAL: 10/20/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Tucker Duck and Rubber Company of Fort Smith proposes to discontinue the use of their teepee incinerator and install a holding bin with a cyclone to dispose of their wood waste by hauling to a landfill by trucks. The company manufactures wood parts for folding camp furniture and generates 2,500 lbs/hour of wood waste. The predicted emissions from the cyclones will be at a rate of 4 lbs/hour.

ESTIMATED COST: \$27,000 TOTAL PROJECT: \$35,000

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: Upon Approval

REVIEWED BY: IHB APPROVED BY: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 440-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Arkhola Sand & Gravel Company
Fort Smith

CSN: 170019/170022

FIRST SUBMITTAL: 10/27/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Arkhola Sand and Gravel is relocating their quarry and stone crushing operation in Crawford County due to depletion of raw materials at their present site. No new equipment will be installed. The present crusher uses water and an induced wetting agent to hold down fugitive emissions. This method of control is adequate. Arkhola has asked for a waiver on Section E of the permit instructions, the need for particulate testing. Since the only particulate is from fugitive emissions, the request for a waiver is approved.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: 11/1/77

COMMENCEMENT OF OPERATION: 12/1/78

REVIEWED BY: RMM APPROVED BY: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 441-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: International Paper Company
Pine Bluff

CSN: 350016

FIRST SUBMITTAL: 10/26/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

International Paper Company of Pine Bluff proposes to (a) replace their existing scrubbers on lime kilns No. 1 and No. 2 with high efficiency venturi scrubbers; (b) install one high efficiency venturi scrubber on its smelt dissolving tank No. 4, which at present is controlled only by a mist eliminator; and (c) to install two high energy venturi scrubbers on their slaker vents No. 1 and No. 2, which are presently uncontrolled.

The scrubbers are designed to reduce particulate emissions to 12 pounds per hour per kiln, 13 pounds per hour for No. 4 smelt dissolving tank stack and 3.3 pounds per hour per slaker vent.

ESTIMATED COST: \$1,227,000 TOTAL PROJECT: \$1,227,000

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IHB APPROVED BY: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 442-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Arkansas Kraft Inc.

Morrilton

CSN: 150022

FIRST SUBMITTAL: 11-4-77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Arkansas Kraft Incorporated proposes to rerate the existing No. 1 bark boiler from 55,000 to 86,000 pounds per hour steam to utilize more wood waste as fuel and reduce the fossil fuel requirements.

Because the capability of producing steam at the higher rate has always existed, no internal changes are to be made to the boiler. The existing fan will be replaced by a larger one, and additional particulate control equipment will be added in series with the existing collector.

If this rerating is successful, No. 2 bark boiler will be similarly rerated.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: February, 1978

REVIEWED BY: CDH APPROVED BY: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 443-A

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: McDonald's
Forrest City

CSN: 620058

FIRST SUBMITTAL: 8/4/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

McDonald's at Forrest City proposes to install a Federal Incinerator, Model FPC-L-2BF, to dispose of 1500 pounds daily of type 2 waste from their restaurant operation. The rated capacity of this unit is 550 pounds per hour of type 2 waste. The unit has one primary burner and two secondary burners, each of 600,000 BTU/hour maximum capacity.

QUALIFICATIONS: Within 60 days of the startup, the proposed unit will be stack tested using methods approved by the Department and the test data will be submitted for review by the Department. This permit is subject to immediate revocation should said test data reflect emissions greater than that represented in the permit application.

ESTIMATED COST: \$7,000 TOTAL PROJECT: \$7,000

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: Upon Approval

REVIEWED BY: IHB APPROVED BY: JES

RECOMMENDATION: APPROVAL WITH QUALIFICATION

ASSIGNED PERMIT NUMBER: 299-AI

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: City of Little Rock Animal Shelter
Little Rock

CSN: 600423

FIRST SUBMITTAL: 10/13/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

City of Little Rock Animal Shelter proposes to install a Consumat pathological incinerator, Model C-75 P, to dispose of 1400 lbs. of animals and general housekeeping waste daily. The design capacity of the unit is 250 lbs/hr. for type 0 waste, 320 lbs/hr. for type 1 waste and 175 lbs/hr. for type 4 waste. Test data for a similar unit indicates a particulate emission rate of 0.09 grains per standard cubic foot corrected to 12%, burning type 4 waste.

ESTIMATED COST: \$9,573 TOTAL PROJECT: \$9,573

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IHR APPROVED BY: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 300-AI

COMMISSION MINUTE ORDER NUMBER: _____

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Dixie Dandy

Ashdown

CSN: 410024

FIRST SUBMITTAL: 10/28/77 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Dixie Dandy of Ashdown proposes to install a Fire Engineers incinerator, Model VR-500, to dispose of 675 lbs. per day of type 0 and 1 waste. The unit has one afterburner with a maximum capacity of 500,000 BTU/hr. This permit is issued upon the basis of test data submitted by Fire Engineers, which data demonstrates that the unit can be operated with emissions of 0.10 grains/SCF corrected to 12% CO₂.

ESTIMATED COST: \$6,751 TOTAL PROJECT: \$6,751

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IHB APPROVED BY: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 301-AI

COMMISSION MINUTE ORDER NUMBER: _____