



APPLICATION FOR PERMIT - INDUSTRIAL FACILITIES

<u>PERMIT NO.</u>	<u>FACILITY &amp; LOCATION</u>	<u>COST</u>
287-A (MODIFICATION)	Nekoosa Papers Inc. Ashdown	10,000,000
337-A (MODIFICATION)	Lion Oil Company El Dorado	--
406-A (MODIFICATION)	KDE, Inc. Osceola	--
145-A & 192-A (MODIFICATIONS)	Weyerhaeuser Company Murfreesboro	--

APPLICATION FOR PERMIT - INCINERATORS

305-AI	Thriftway Store Wynne	6,323
306-AI	Town and Country Supermarket Mountain Home	9,500
307-AI	Phillips Food Center Springdale	7,300
308-AI	Howard Brothers Discount Stores Hope	5,000
7-AI	Howard Brothers Discount Stores Arkadelphia	2,942

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.

COMMISSIONERS

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

*[Handwritten signatures and initials]*

found between the two documents.

*Ralph A. Dumas*  
CHAIRMAN

SUBMITTED BY

John A. Mitchell

DATE PASSED

3/24/78

DEPARTMENT OF POLLUTION CONTROL ) ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Lion Oil Company

El Dorado

CSN: 700016

FIRST SUBMITTAL: 02/02/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

Lion Oil Company proposes the installation of a new truck transport loading terminal for gasolines, distillates and LPGs at its refinery in El Dorado. This new facility will replace the existing truck loading dock. Because of improvements in design and the loading of trucks from the bottom instead of the top, hydrocarbon emissions will be reduced. As set forth in Subpart K 40CFR 60.110, the two new storage tanks are classified under New Source Performance Standards for hydrocarbon emissions.

Qualification:

This facility shall comply with all applicable federal New Source Performance Standards.

ESTIMATED COST: ----- TOTAL PROJECT: \$1,579,000

COMMENCEMENT OF INSTALLATION: 03/01/78

COMMENCEMENT OF OPERATION: 12/01/78

REVIEWED BY: RMM APPROVED BY: JAM

RECOMMENDATION: APPROVAL WITH QUALIFICATION

ASSIGNED PERMIT NUMBER: 454-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL ) ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Arkansas Cellulose Corporation

Little Rock

CSN: 600427

FIRST SUBMITTAL: 11/20/77 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY:

Arkansas Cellulose Corporation of Little Rock operates a facility for manufacturing insulation from waste paper, borax and boric acid. The waste paper is fed into a shredder and approximately 10 percent by weight, each of borax and boric acid are added. The finished product is pneumatically transferred to a cyclone, where air and product are separated. The product falls by gravity to a bagger. Approximately 10 percent of the air escapes to the atmosphere through a damper on the cyclone top and the remaining air returns to the shredder. The predicted emission rate is 3 pounds per hour of particulate.

ESTIMATED COST: --- TOTAL PROJECT: \$55,000

COMMENCEMENT OF INSTALLATION: November 1, 1977

COMMENCEMENT OF OPERATION: November 20, 1977

REVIEWED BY: IHB APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 455-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL      ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Bearden Lumber Company  
Bearden

CSN: 520035

FIRST SUBMITTAL: 01/19/78      AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

Bearden Lumber proposes the installation of two 40,000 pounds per hour wood fired steam boilers at its lumber mill in Bearden. These new boilers will replace the existing waste wood boiler, which will be used only on a standby basis. The allowable emission rate for each boiler is 40 lb/hr particulate.

ESTIMATED COST: \$60,000      TOTAL PROJECT: \$1,000,000

COMMENCEMENT OF INSTALLATION: 07/01/78

COMMENCEMENT OF OPERATION: 03/01/79

REVIEWED BY: RMM      APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 456-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

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

CSN: 700012

FIRST SUBMITTAL: 03/06/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY:

Great Lakes Chemical Company proposes to introduce a gas stream of 11.1 SCFM of 76.6% ethylene and .007% ethylene dibromide (the balance being air and water) into their steam generating boiler. This will reduce their emissions and their energy requirements. The predicted emissions are 2.2 pounds per hour of hydrogen bromide.

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

COMMENCEMENT OF INSTALLATION: May, 1978

COMMENCEMENT OF OPERATION: June, 1978

REVIEWED BY: PDD APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 457-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Velsicol Chemical Corporation  
El Dorado

CSN: 700037

FIRST SUBMITTAL: 01/09/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

Velsicol Chemical Corporation proposes the construction of a facility for the manufacture of tetrabromophthalic anhydride. Available toxicological data indicate low oral and dermal toxicity. The Ames test indicates no mutagenic activity.

The process is based on the bromination of phthalic anhydride. During the reaction phase vapors are released from the reactors to maintain the desired pressure. These vapors are piped to a recovery unit where they are separated and collected. They are then either recycled or sold. All emission points are controlled either by an appropriate scrubber or bag collector.

Velsicol is currently devising testing procedures for tetrabromophthalic anhydride, phthalic anhydride, sulfur dioxide, sulfur trioxide, and bromine emissions from this process and plans to submit a proposed emissions testing program well before start-up.

QUALIFICATION:

Prior to start-up, Velsicol shall submit to the Department for approval a program for emissions monitoring.

ESTIMATED COST: 427,000 TOTAL PROJECT: 4,925,000

COMMENCEMENT OF INSTALLATION: March, 1978

COMMENCEMENT OF OPERATION: September, 1978

REVIEWED BY: PDD APPROVED BY: JAM

RECOMMENDATION: APPROVAL WITH QUALIFICATION

ASSIGNED PERMIT NUMBER: 458-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Lufkin Industries, Inc.

Mabelvale

CSN: 600113

FIRST SUBMITTAL: 03/01/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

Lufkin Industries, Inc. has purchased Midwest Casting Corporation at Mabelvale. They request transfer of all air permits to the name of Lufkin Industries, Inc. They propose to install collection and reclamation equipment on their green sand molding system for iron casting. Dust control will be achieved by use of a wet scrubber. The predicted emission rate from the scrubber is 2 lb/hr. All other emissions from transfer points are fugitive in nature.

ESTIMATED COST: \$175,000 TOTAL PROJECT: \$315,000

COMMENCEMENT OF INSTALLATION: 04/01/78

COMMENCEMENT OF OPERATION: 06/01/78

REVIEWED BY: RMM APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 459-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL : ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Hart's of Arkansas, Inc.  
Coming

CSN: 110045

FIRST SUBMITTAL: 02/06/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

Hart's of Arkansas, Inc. proposes the construction and operation of a wood working facility for the manufacture of household furniture. Pine and fiberboard are sawed, molded, shaped and bored to fit. Sawdust and chips are collected by hoods and ducted to a baghouse. The clean air is returned to the plant. Dust collected in the baghouse is routed to a cyclone and mounted on top of a holding bin, which discharges into trucks to haul the wood waste away to the landfill or sell it to the paper mills when market conditions improve. The particulate emission rate from the bag filter and the cyclone will be one and four pounds per hour respectively.

ESTIMATED COST: \$80,000 TOTAL PROJECT: \$400,000

COMMENCEMENT OF INSTALLATION: 03/01/78

COMMENCEMENT OF OPERATION: 04/15/78

REVIEWED BY: IHB APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 460-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL . . . ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: ENSCO  
El Dorado

CSN: 700098

FIRST SUBMITTAL: 03/01/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: Amends Permit No. 249-A

**SUMMARY:**

ENSCO proposes the installation and operation of equipment designed for the incineration of drummed solids, semi-solids and liquids such as PCB impregnated capacitors. Drums and contents of drums are ground in one of two grinders and conveyed to a rotary kiln under a negative air system. The kiln will operate at 1500°F with a retention time for solids of 30 minutes and a retention time for gases of two seconds.

The solids will be allowed to cool in the hopper and then tested to insure safe disposal, subject to permit by the Department. The gases will pass from the rotary kiln into ENSCO's existing furnace where they will be exposed to 1800°F for five seconds.

There will be two complete scrubbing systems serving the waste burner. Each will contain a venturi scrubber, a sieve plate column, and a demister vented to a 200 foot stack. The two systems will ordinarily operate in parallel, but each is capable of handling the entire system in case of a failure of one of the systems. The entire area around the rotary kiln, grinding, conveying, and material storage area will be concreted and curbed. Liquids (rainfall, washdown, spills, etc.) within the curbed area will be diverted to a concrete sump and pumped to waste storage for incineration, except that uncontaminated water may be disposed in some alternative means

(See attachment)

ESTIMATED COST: \$900,000 TOTAL PROJECT: \$900,000

COMMENCEMENT OF INSTALLATION: December 1, 1977

COMMENCEMENT OF OPERATION: April 15, 1978

REVIEWED BY: PDD APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 461-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

ENSCO  
PERMIT NO. 461-A

ATTACHMENT

provided, however, that such alternative means are first approved and permitted by the Department.

QUALIFICATIONS:

- (1) All qualifications, agreements, and policies of Permit No. 249-A (MODIFICATION) remain in effect and are extended to this permit.
- (2) The temperatures and percent excess oxygen in the rotary kiln and in the liquid waste burner are to be continuously recorded, and the records are to be maintained and made available for inspection for five years.
- (3) The percent of unburned hydrocarbons, CO, and CO<sub>2</sub> are to be continuously monitored and recorded in the stack, and the records maintained and made available for inspection for five years.
- (4) All necessary equipment and testing methods for federal and state mandated testing are to be on hand and approved by the Department before that portion to which they apply is placed in operation.
- (5) ENSCO is to develop and institute a continuous ambient air monitoring program for gases and particulate to coincide with process start-up.
- (6) The operation of the facility, including monitoring and maintenance of records shall conform to all applicable provisions of federal law and regulations.

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Riceland Foods  
Jonesboro

CSN: 160111

FIRST SUBMITTAL: 03/13/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY:

Riceland Foods proposes to construct and operate a grain storage elevator at Jonesboro for the receiving and storage of dried rice. The facility will have a storage capacity of 2,327,000 bushels, and will be located immediately adjacent to storage elevator "H" within the existing Riceland complex.

The elevator will have a dust control system for in-house emissions and aspiration systems for the rice receiving pits. Emissions from these systems will be controlled by a 65,000 cubic feet per minute fabric filter. Residues from the filter will be conveyed to a control refuse trash collection system for disposition as a refuse by-product.

ESTIMATED COST: \$400,000.00 TOTAL PROJECT: \$5,000,000.00

COMMENCEMENT OF INSTALLATION: UPON APPROVAL

COMMENCEMENT OF OPERATION: SEPTEMBER, 1978

REVIEWED BY: JBJ APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 462-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL ) ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: International Paper Company (Gurdon Wood Products Plant)  
Gurdon

CSN: 100033

FIRST SUBMITTAL: 03/06/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

International Paper Company acquired the Arkla Gas Company's Pineply Plywood Plant in Gurdon in March, 1975, and has finished the reconstruction, modification and expansion of the plant, which was shut down by Arkla Gas Company in December, 1974. International Paper Company requests to reopen the plywood plant with the addition of two new 80,000 pounds per hour bark boilers and two new steam veneer dryers, new duct systems and two new steam heated dry kilns. The particulate emissions from each of the two bark boilers will be controlled by a multi-clone and a wet scrubber in series. The predicted particulate emission rate from each of the two boilers will be five pounds per hour at rated capacity. A letter dated August 23, 1977 from EPA states that the reopening of the plywood plant at Gurdon will not require EPA approval under the Significant Deterioration Regulations or the emission offset policy.

ESTIMATED COST: \$379,865 TOTAL PROJECT: \$30,000,000

COMMENCEMENT OF INSTALLATION: 04/01/78

COMMENCEMENT OF OPERATION: 01/01/79

REVIEWED BY: IHR APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 463-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL      ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Bituminous, Inc.  
Pine Bluff

CSN: 882106

FIRST SUBMITTAL: 03/21/78      AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

Bituminous, Inc. of Pine Bluff plans to locate a new portable asphalt plant near Black Springs in Montgomery County.

The facility is a Barber-Greene drum mix plant controlled by a Barber-Greene venturi scrubber. The maximum rated output of the plant is 320 tons per hour. Predicted emission rate for the plant will be less than 5 pounds per hour of particulate.

It is expected that facilities of this type will be affected by the new Prevention of Significant Deterioration (PSD) regulations when they are finalized. However, it is also expected that the requirements for portable asphalt plants will not be as stringent as those for normal stationary sources.

In particular, it would not be feasible or necessary to issue a PSD permit for each relocation. Qualification 1 limits this permit such that the PSD regulations will not be applicable for the proposed location.

Prior to relocation, and after issuance of the final PSD regulations, this facility shall be reviewed for possible resubmittal to the Commission.

**QUALIFICATIONS:**

1. The total production at the proposed location shall not exceed 97,000 tons, and applicant shall maintain production records as necessary to assure compliance with this qualification.  
(see Attachment)

ESTIMATED COST: \$80,000      TOTAL PROJECT: \$305,816

COMMENCEMENT OF INSTALLATION: \_\_\_\_\_

COMMENCEMENT OF OPERATION: 04/15/78

REVIEWED BY: JBJ      APPROVED BY: JAM

RECOMMENDATION: APPROVAL WITH QUALIFICATIONS

ASSIGNED PERMIT NUMBER: 464-A

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

**BETUMINOUS, INC.**

**PERMIT NO. 464-A**

**CONTINUED -**

2. This facility shall comply with all applicable federal New Source Performance Standards.

DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Nekoosa Papers Inc.

Ashdown

CSN: 410002

FIRST SUBMITTAL: 12/10/74 AMENDED: 01/04/78

CASE REFERENCES: \_\_\_\_\_

SUMMARY:

Nekoosa Papers Inc. of Ashdown proposes to expand pulping capacity at the Ashdown Mill by 735 air dry tons per day (ADTPD) to a total of 1300 ADTPD of bleached kraft pulp.

New facilities which require air pollution control equipment are as follows:

(1) No. 2 recovery boiler. Peak process weight rate is 3,500,000 pounds per day, pulp production equivalent is 1094 ADTPD. Particulate emissions will be controlled by a high efficiency electrostatic precipitator to 84.4 pounds per hour. Predicted SO<sub>2</sub> emission rate is 445 pounds per hour. Total reduced sulfur (TRS) emissions will be controlled by black liquor oxidation to the proposed New Source Performance Standard (NSPS) of 5 parts per million (ppm). The stack height of 336 feet will prevent downwash.

(2) New lime kiln. Process weight rate of 440 tons per day of product is equivalent to a pulp production rate of 1600 ADTPD. Emissions will be controlled by a Venturi scrubber to 51 pounds per hour of particulates, 16.7 pounds per hour of SO<sub>2</sub>. The installation of the new lime kiln will allow the existing lime kiln to be shut down. Total reduced sulfur emissions will meet the proposed NSPS of 5 ppm.

(3) No. 2 smelt dissolving tank. Discharge will be through 2 vents at a height of 295 feet. Emissions will be controlled by a low energy scrubber to 7.3 pounds per hour of particulates and 5.2 pounds per hour of SO<sub>2</sub> per stack; TRS emissions will meet the proposed NSPS of 0.50 pounds per ton air dry pulp (TADP). See Attachment.

ESTIMATED COST: \$10,000,000 TOTAL PROJECT: \$245,000,000

COMMENCEMENT OF INSTALLATION: April, 1978

COMMENCEMENT OF OPERATION: December, 1979

REVIEWED BY: IHB, STC APPROVED BY: JAM

RECOMMENDATION: APPROVAL WITH QUALIFICATION

ASSIGNED PERMIT NUMBER: 287-A (MODIFICATION)

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

NEKOOSA PAPERS INC.  
PERMIT NO. 287-A (MODIFICATION)

-CONTINUED-

(4) New continuous digester, continuous diffuser washing system, and multiple effect evaporator. TRS emissions will be controlled by incineration in the lime kiln.

Dispersion modeling has predicted compliance with the Arkansas Air Pollution Control Code standards for SO<sub>2</sub> and total suspended particulates (TSP). Modeling of the new sources for comparison with Prevention of Significant Deterioration (PSD) increments for Class II areas has shown that increases in concentration will not exceed 5% of the 3-hour increment for SO<sub>2</sub>, 4% of the 24-hour increment for SO<sub>2</sub> and, 2% of the 24-hour increment for TSP, at downwind distances of less than 1.5 km. Concentration increases are less than 1% of the annual TSP and SO<sub>2</sub> increments.

The U.S.E.P.A. has issued preliminary PSD approval of this installation.

**QUALIFICATION:**

In accordance with the emissions testing requirements of the NSPS, within 180 days after startup, emissions testing shall be performed on the No. 2 recovery boiler, new lime kiln, No. 2 smelt dissolving tank, and the existing combination power boiler to demonstrate compliance with all applicable federal and state emission limitations.

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: 03/02/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: Permit No. 337-A

**SUMMARY:**

Permit No. 337-A was issued to Lion Oil Company on May 28, 1976 to allow the installation of a stripper to remove hydrogen sulfide (H<sub>2</sub>S) from the refinery wastewater stream with the off gas being treated by the existing sodium hydrosulfide unit. The increased loading of the sulfur removal equipment required that it be upgraded to assure that the sulfur dioxide (SO<sub>2</sub>) emission rate would be below that allowed by Permit No. 82-A. Since the hydrosulfide unit design is proprietary with Lion, it was necessary to install a pilot unit, and it is not practical to use external assistance. Therefore, modification of the hydrosulfide unit has been delayed although the wastewater stripper has been installed. Since the operation of the stripper will improve the performance of the wastewater treatment plant and reduce ground level H<sub>2</sub>S concentrations, Lion requests permission to operate the stripper prior to the upgrading of the hydrosulfide unit. The H<sub>2</sub>S stripped from the wastewater will be sent to the hydrosulfide unit, and any excess will be burned in a refinery boiler, being converted to SO<sub>2</sub>. It is predicted that the SO<sub>2</sub> emission rate will increase by approximately 16 pounds per hour.

QUALIFICATION:

(1) The sodium hydrosulfide modifications shall be completed prior to September 30, 1978, and applicant shall submit reports monthly detailing progress towards completion of the upgrading.

ESTIMATED COST: \_\_\_\_\_ TOTAL PROJECT: \_\_\_\_\_

COMMENCEMENT OF INSTALLATION: 04/01/78

COMMENCEMENT OF OPERATION: 09/30/78

REVIEWED BY: RMM APPROVED BY: JAM

RECOMMENDATION: APPROVAL WITH QUALIFICATION

ASSIGNED PERMIT NUMBER: 337-A (MODIFICATION)

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL      ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: KDE, Inc.

Osceola

CSN: 470121

FIRST SUBMITTAL: 02/16/78      AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY:

On January 27, 1978, Permit No. 406-A (MODIFICATION) was assigned to Eldra Arkansas, Inc. at Osceola. The correct business name for this facility should be changed to KDE, Inc.

ESTIMATED COST: ---      TOTAL PROJECT: ---

COMMENCEMENT OF INSTALLATION: \_\_\_\_\_

COMMENCEMENT OF OPERATION: \_\_\_\_\_

REVIEWED BY: RMM      APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 406-A (MODIFICATION)

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL ) ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Weyerhaeuser Company  
Murfreesboro

CSN: 550001

FIRST SUBMITTAL: 02/13/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

Weyerhaeuser Company has acquired the wood products facility formerly known as Murfreesboro Lumber Company and has requested that Permits 145-A and 192-A be modified to reflect Weyerhaeuser's ownership.

ESTIMATED COST: \_\_\_\_\_ TOTAL PROJECT: \_\_\_\_\_

COMMENCEMENT OF INSTALLATION: 03/09/77

COMMENCEMENT OF OPERATION: \_\_\_\_\_

REVIEWED BY: RMM APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 145-A and 192-A (MODIFICATIONS)

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL      ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Thriftway Store

Wynne

CSN: 190039

FIRST SUBMITTAL: 03-02-78      AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

Thriftway Store of Wynne proposes to install a Fire Engineers Incinerator, Model VR-500, to burn 750 pounds of type 0 waste daily. The unit has a rated capacity of 375 pounds per hour for type 0 waste and will be operated for 3 hours per day. The unit has one afterburner with a rated capacity of 800,000 BTU per hour.

A similar unit has been tested in the State of Arkansas. This test showed a particulate emission rate of 0.12 grains per standard cubic foot corrected to 12 percent CO<sub>2</sub>.

ESTIMATED COST: \$6,323      TOTAL PROJECT: \$6,323

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: Upon Approval

REVIEWED BY: IHB      APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 305-AI

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL ) ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Town and Country Supermarket  
Mountain Home

CSN: 030016

FIRST SUBMITTAL: 01-24-78 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

Town and Country Supermarket of Mountain Home proposes to replace an existing incinerator by a new, bigger unit because of expansion of the store. The permit for the existing Fire Engineers incinerator was approved (Permit No. 47-AI) and issued to SAV-U Stores, which has been bought out by Town and Country Supermarket. The existing unit is worn out and too small for the purpose and will be replaced by an Atlas Incinerator, Model VM-72-OF, with a continuous rated capacity of 520 pounds per hour for type 0 and 1 wastes. The incinerator will be used for 4 to 6 hours per day and approximately 2000 pounds of cardboard boxes will be burned per day. A similar unit has been tested in the state of Arkansas. This test showed a particulate emission rate of 0.1 grains per standard cubic foot corrected to 12 percent CO<sub>2</sub>.

ESTIMATED COST: \$9,500 TOTAL PROJECT: \$9,500

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: Upon Approval

REVIEWED BY: IHB APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 306-AI

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL : ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Phillips Food Center

Springdale

CSN: 040115

FIRST SUBMITTAL: 02-07-78

AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

**SUMMARY:**

Phillips Food Center of Springdale proposes to install a Fire Engineers Incinerator, Model VR-500, to dispose of 675 pounds of type 0 waste daily. The rated capacity of the unit is 375 pounds per hour for type 0 waste. The unit has one afterburner, with a rated capacity of 500,000 BTU per hour. A similar unit has been tested in the State of Arkansas. This test showed a particulate emission rate of 0.1 grains per standard cubic foot corrected to 12 percent CO<sub>2</sub>.

ESTIMATED COST: \$7,300

TOTAL PROJECT: \$7,300

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: Upon Approval

REVIEWED BY: IHB

APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 307-AI

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL / ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Howard Brothers Discount Stores  
Hope

CSN: 290038

FIRST SUBMITTAL: 01/27/78 AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY:

Howard Brothers Discount Stores has purchased a store formerly operated by Gibsons, Inc. This facility has a Bryant Incinerator, Model 2030, which is used to dispose of 300 pounds per day of cardboard waste. The existing incinerator was never permitted. Howard Brothers wishes to continue use of this equipment and requests a permit in their name.

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

COMMENCEMENT OF INSTALLATION: Installed in 1971

COMMENCEMENT OF OPERATION: \_\_\_\_\_

REVIEWED BY: THB APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 308-AT

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_

DEPARTMENT OF POLLUTION CONTROL      ECOLOGY  
DIVISION OF AIR POLLUTION CONTROL

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Howard Brothers Discount Stores  
Arkadelphia

CSN: 100022

FIRST SUBMITTAL: 01/24/78      AMENDED: \_\_\_\_\_

CASE REFERENCES: \_\_\_\_\_

SUMMARY:

Howard Brothers Discount Stores of Arkadelphia has purchased the Gibson Discount Store at Arkadelphia and requests modification of Permit No. 7-AI to reflect change of ownership. The request is approved.

ESTIMATED COST: \$2,942      TOTAL PROJECT: \$2,942

COMMENCEMENT OF INSTALLATION: November, 1969

COMMENCEMENT OF OPERATION: December, 1969

REVIEWED BY: IHB      APPROVED BY: JAM

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 7-AI (MODIFICATION)

COMMISSION MINUTE ORDER NUMBER: \_\_\_\_\_