



APPLICATION FOR PERMIT - INTERIM

PERMIT NO.	FACILITY & LOCATION	COST
282-A1	G.P.W. Nursing Home Newport, Arkansas	\$ 2,387
283-A1	Westinghouse Electric Company Little Rock, Arkansas	\$ 25,000
284-A1	City of West Helena West Helena, Arkansas	\$264,000

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

COMMISSIONERS

*[Handwritten signatures and initials of Commissioners]*

*[Signature]* SUBMITTED BY Garrett E. Southall DATE PASSED 05/27/77  
CHAIRMAN

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Helena Chemical Company  
West Helena, Arkansas

CSN: 540009

FIRST SUBMITTAL: 02/28/77 AMENDED: \_\_\_\_\_

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

SUMMARY:

Helena Chemical Company proposes the construction of a grain seed cleaning and classifying facility.

The process will involve mechanical cleaning and separation of seed grains and soybeans. The dust from this operation will be limited to fine grains and possibly some clay soils. All potential dust producing elements of this process are to be physically contained and/or exhaust ventilated through a cyclone separator. Maximum emissions will be less than one half pound per hour.

QUALIFICATION: Helena will test to verify the proposed emission rate in accordance with methods approved by the Department within 60 days after commencement of operation.

ESTIMATED COST: \$8,500 TOTAL PROJECT: \$135,000

COMMENCEMENT OF INSTALLATION: 04/01/77

COMMENCEMENT OF OPERATION: 06/01/77

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL WITH QUALIFICATION

ASSIGNED PERMIT NUMBER: 405-A

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Eldra Arkansas, Inc.  
Bentonville, Arkansas

CSN: 040112

FIRST SUBMITTAL: 03/24/77 AMENDED: \_\_\_\_\_

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

SUMMARY:

Eldra proposes the construction of a facility for the drawing and enamelling of copper wire at Bentonville.

The copper wire will be drawn into the desired size, coated with enamel, and then baked to cure the finish. In the baking process, solvents from the enamel are driven off. These are burned in the presence of a catalyst and discharged to the atmosphere through a common stack.

QUALIFICATION: Prior to startup applicant submit an approvable sampling program.

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

COMMENCEMENT OF INSTALLATION: December, 1977

COMMENCEMENT OF OPERATION: July, 1978

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL WITH QUALIFICATION

ASSIGNED PERMIT NUMBER: 406-A

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Union Carbide Corporation  
Rogers, Arkansas

CSN: 040100

FIRST SUBMITTAL: April 7, 1977 AMENDED: \_\_\_\_\_

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

SUMMARY:

Union Carbide operates a facility at Rogers for polyethylene film extrusion and bag making.

The company processes approximately 60,000 pounds per hour of polyethylene pellets into sandwich and trash bags. In-plant materials transfer, extrusion, and heat sealing are the primary plant processes.

Processing is controlled at critical points by fabric filters. Emissions are limited to traces of polyethylene dust.

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

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

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

REVIEWED BY: JBK APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 407-A

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Southerland Division, Banquet Foods Corporation  
Atkins, Arkansas

CSN: 580047

FIRST SUBMITTAL: March 28, 1977 AMENDED: \_\_\_\_\_

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

SUMMARY:

Southerland Division of Banquet Foods Corporation proposes to construct and operate a feed mill at Atkins to produce chicken feed.

Processing will include grain receiving and grinding, weighing, and mixing. Fat, choline, medication, and vitamins will be added to the basic grain.

The mill will have no significant emission sources. Electrical heating will be used. Feed production rate will be 96,000 pounds per hour.

ESTIMATED COST: \_\_\_\_\_ TOTAL PROJECT: \$1,100,000

COMMENCEMENT OF INSTALLATION: March, 1977

COMMENCEMENT OF OPERATION: December 1, 1977

REVIEWED BY: JBH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 408-A

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Riverside Furniture Corporation - Plant No. 6  
Fort Smith, Arkansas

CSN: 660213

FIRST SUBMITTAL: May 2, 1977 AMENDED: \_\_\_\_\_

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

SUMMARY:

Riverside's plant No. 6 is a wood household furniture manufacturing facility within the Corporation's industrial complex at Fort Smith.

The company plans to install a 31,500 cubic foot per minute Pneumafil fabric filter to control wood dust from five woodworking machines in the plant. A Rees No. 34 Model M fan with a 125 HP motor will be installed in conjunction with the filter installation.

The dust emissions are presently handled by a bank of four cyclones which are being overloaded by the amount of dust generated.

The Pneumafil filter has a design efficiency of 99.9%. Predicted emission rate is 0.4 pounds per hour.

ESTIMATED COST: \$30,000 TOTAL PROJECT: \$65,000

COMMENCEMENT OF INSTALLATION: May 30, 1977

COMMENCEMENT OF OPERATION: June 30, 1977

REVIEWED BY: JBJ APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 409-A

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Wrape Forest Industries, Inc.

Little Rock, Arkansas

CSN: 600131

FIRST SUBMITTAL: April 8, 1977 AMENDED: \_\_\_\_\_

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

SUMMARY:

Wrape Forest Industries, Inc. in Little Rock is a woodworking operation that produces lumber and kitchen cabinets. Wrape Forest proposes to install a slave system on a set of cyclones to control emissions by use of opacity meters and a water spray system to remove fine particles from the exhaust air. Projected removal of particulate emissions is 80%. A similar system has been installed at MidSouth Woodcraft in West Helena and is performing satisfactorily.

ESTIMATED COST: \$11,000 TOTAL PROJECT: \$13,500

COMMENCEMENT OF INSTALLATION: May 15, 1977

COMMENCEMENT OF OPERATION: June 15, 1977

REVIEWED BY: BMM APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 410-A

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Georgia-Pacific Corporation  
Crossett, Arkansas

CSN: 020013

FIRST SUBMITTAL: April 20, 1977 AMENDED: \_\_\_\_\_

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

SUMMARY:

Georgia-Pacific Corporation plans to install an AirPol venturi scrubber for control of lime dust emissions from the lime slaker and lime handling system at their pulp mill.

A new slaker vent stack will be constructed in conjunction with installation of the scrubber. The scrubber will handle 13,000 cubic feet per minute of inlet gases and will utilize green liquor as a scrubbing medium.

Considerable ductwork will be installed to vent fugitive dust emissions from a lime handling bucket elevator. The emissions will be routed through the lime slaker to the scrubber.

Particulate emission rate is not to exceed five pounds per hour of lime dust.

ESTIMATED COST: \_\_\_\_\_ TOTAL PROJECT: \$223,900

COMMENCEMENT OF INSTALLATION: August, 1977

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

REVIEWED BY: JBJ APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 411-A

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Dow Chemical U.S.A.  
Magnolia, Arkansas

CSN: 140011

FIRST SUBMITTAL: May 5, 1977 AMENDED: \_\_\_\_\_

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

SUMMARY:

Dow proposes the installation of an additional tank or tanks for the storage of product from their sulfur recovery unit. The additional storage capacity will enable the sulfur recovery unit to operate when demand for the product is low and eliminate the need for flaring the stack gas. The Department will be notified when the exact amount of tankage is determined.

ESTIMATED COST: \$340,000 TOTAL PROJECT: \$340,000

COMMENCEMENT OF INSTALLATION: August 1, 1977

COMMENCEMENT OF OPERATION: November 1, 1977

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 95-A MODIFICATION

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Dow Chemical U.S.A.  
Magnolia, Arkansas

CSN: 140011

FIRST SUBMITTAL: May 5, 1977 AMENDED: \_\_\_\_\_

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

SUMMARY:

Dow proposes the installation of one or more activated carbon filter beds to remove fugitive emissions of ethylene dibromide. A research project is now under way to determine all sources that should be tied into the system.

Since there is some doubt as to what the final design will be, the Department requests that Dow submit the final plans when they are available and test for the ethylene dibromide emissions when the project is complete. This data should be submitted to the Department six months after the project is complete.

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

COMMENCEMENT OF INSTALLATION: June 1, 1977

COMMENCEMENT OF OPERATION: July 1, 1977

REVIEWED BY: PDD APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 340-A MODIFICATION

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: G. P. W. Nursing Home  
Newport, Arkansas

CSN: 340038

FIRST SUBMITTAL: 03/30/77 AMENDED: \_\_\_\_\_

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

SUMMARY:

G. P. W. Nursing Home of Newport proposes to install a SWESCO pathological incinerator, Model SP-3, to dispose of 10 to 15 pounds of pathological waste per day. The incinerator has a capacity of 20 pounds per hour for type IV waste and will be operated for one hour per day. The incinerator has two burners, one primary and one secondary, each with a maximum capacity of 400,000 BTU per hour. Particulate emissions are not to exceed 0.15 grains per SCF at 12% CO<sub>2</sub>.

ESTIMATED COST: \$2,387.00 TOTAL PROJECT: \$2,387.00

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

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

REVIEWED BY: IHB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 282-AI

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Westinghouse Electric Company  
Little Rock, Arkansas

CSN: 600075

FIRST SUBMITTAL: April 11, 1977 AMENDED: \_\_\_\_\_

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

SUMMARY:

Westinghouse Electric Company of Little Rock proposes the installation of a PECO incinerator to dispose of chemical waste generated in its plant. The bulk of the waste is in the liquid form, and 95 percent of it is amyl acetate. Other impurities are phosphorus, cryolite, barium carbonate and a mixture of zirconium and aluminum. The materials are used primarily for the oxidizing of impurities on the filament and the stem of the light bulb. The amount of waste to be burned is about five gallons a day, and this will generate about 1.25 pounds per day of solid waste. The solid waste will be collected and disposed of in a suitable off-sight sanitary landfill. The fumes from the incinerator will pass through a liquid scrubber before being exhausted to the atmosphere.

QUALIFICATION:

- (1) Westinghouse will have the methods and the equipment available to implement its sampling program before the startup of the unit.
- (2) Westinghouse will begin its sampling program for the water, air, and solid waste at the startup of the unit. It will continue the program on a daily basis for at least two weeks or until the unit has completed two cycles through each type of waste.
- (3) Westinghouse will submit all data and results to the Department within two weeks of the completion of the tests, at which time a regular testing schedule will be defined.

ESTIMATED COST: \$25,000 TOTAL PROJECT: \$33,000

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

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

REVIEWED BY: IHB APPROVED: JES

RECOMMENDATION: APPROVAL WITH QUALIFICATION

ASSIGNED PERMIT NUMBER: 283-AI

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

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: City of West Helena  
West Helena, Arkansas

CSN: 540067

FIRST SUBMITTAL: November 22, 1976 AMENDED: May 19, 1977

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

SUMMARY:

The City of West Helena proposes to install two Consumat Model C-1200 MA incinerators to dispose of municipal solid waste type II. Each unit will have a rated capacity of 2,080 pounds per hour for a total burning capacity of 50 tons per day.

The facility will be located on property leased to the city by Mohawk Rubber Company and will be operated 24 hours per day. Steam production estimated at 240,000 pounds per day will be sold to Mohawk Rubber. Particulate emissions are not to exceed 0.08 grains per dSCF at 12% CO<sub>2</sub>.

QUALIFICATION: This permit does not authorize the disposal of toxic material or liquid waste.

ESTIMATED COST: \$132,000 (Each) TOTAL PROJECT: \$850,000 (Approximately)

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

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

REVIEWED BY: JBJ APPROVED: JES

RECOMMENDATION: APPROVAL WITH QUALIFICATION

ASSIGNED PERMIT NUMBER: 284-AI

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