

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 within the Application, Summary Reports, or amendments thereto; 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 - PROCESS CONTROL EQUIPMENT

<u>PERMIT NO.</u>	<u>FACILITY & LOCATION</u>	<u>COST</u>
139-A (Modification)	Vulcan Materials Company Benton	\$1,290,000
217-A (Modification)	Great Lakes Chemical Co. El Dorado	
287-A	Nekoosa Edwards Ashdown	1,500,000
288-A	Gould, Inc. Fort Smith	
289-A	Great Lakes Chemical Co. El Dorado	30,000
290-A	Cunningham Metals, Inc. Russellville	29,500

APPLICATION FOR PERMIT - INCINERATOR

228-AI	Turner Memorial Hospital Ozark	
231-AI	Landmark Elementary School Little Rock	6,000
232-AI	Magnolia Manor Nursing Home Magnolia	
233-AI	Riverwood Convalescent Home Arkadelphia	
234-AI	Paris Retirement Inn Paris	

COMMISSIONERS

[Handwritten signatures and initials]
RCR
Auss

[Signature]
Chairman

Submitted by J. Southall Date passed May 30, 1975

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Vulcan Materials Company
Benton, Arkansas

CSN: _____

FIRST SUBMITTAL: _____ AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Vulcan was issued Permit No. 139-A on December 15, 1972 for the installation and operation of a facility near Benton for the manufacture of aluminum alloy ingots. Vulcan now proposes a modification of this permit by the installation of a new dryer/melter facility with a heat recovery system. The heat recovered from the afterburner will be used to dry and melt approximately fifty per cent of the scrap aluminum feed for process. This will substantially reduce the fuel requirements for the facility. The predicted maximum particulate emission rate is slightly over 3 pounds per hour. Due to the secret nature of the heat recovery process, Vulcan has applied for this modification under Subsection 3(c) of the Code.

ESTIMATED COST: \$1,290,000 TOTAL PROJECT: \$4,500,000

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: CDH APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: MODIFICATION OF 139-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Great Lakes Chemical Corporation
El Dorado

CSN: 720012

FIRST SUBMITTAL: Jan 29, 1974 AMENDED: March 21, 1975

CASE REFERENCES: _____

SUMMARY: Great Lakes requests an amendment to Permit 217-A. This permit covers in part, installation of: (1) Mother Liquor Vent Condenser; (2) Methyl Bromide Vent Condenser; and (3) Filter Ventilation.

The discharges from these three equipments are being combined and will be discharged via an exhaust blower. The Methyl Bromide concentration in the combined stream will be less than the existing concentration but the overall emission rate will be the same.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: ASAP

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: ROB APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 217-A (Amended)

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Nekoosa-Edwards Paper Company

Ashdown

CSN: 410002

FIRST SUBMITTAL: December 10, 1974 AMENDED: _____

SUMMARY: Nekoosa-Edwards proposes the installation of a power boiler at its existing papermill near Ashdown. The primary fuel is to be coal with a typical sulfur content of 1.27%, and bark will be used as a supplementary fuel. The maximum coal rate will be 59,300 pounds per hour of coal to produce 500,000 pounds per hour of steam at 850 pounds pressure.

The coal will be shipped via railroad, with approximately seven cars per day being required at maximum production. The unloading building is to be completely enclosed while each car is being unloaded. A dust suppressant will be sprayed on the coal during the unloading operation. Enroute to the silos, the coal will be crushed in a sealed building. An emergency coal stockpile will be built by diverting the coal to trucks. A telescoping coal chute and dust suppression sprays will be used to minimize fugitive emissions during this operation.

The flue gases from the boiler will be treated with a mechanical collector. The gases will then be treated with two venturi scrubbers in parallel using sodium hydroxide as a scrubbing medium. The scrubbers are to be installed with extended shells such that additional scrubbing capacity can be installed at a later date if it is found to be required. The SO₂ emission rate is predicted to be 855 pounds per hour, and the particulate emission rate is predicted to be 30 pounds per hour.

The slurry underflow of the scrubber recycle tank will be continuously pumped to a separator - thickener. The underflow from the separator will be discarded and the supernatant will be introduced into the plants liquor streams.

The Department's dispersion modeling predicts compliance with Subsection 7(a) and Section 8 of the Code. However, as the sulfur captured by the scrubbers is to be added to the plant liquor streams, it is not possible to predict the sulfur balance for the facility as a whole. Therefore, the resulting emissions of sulfur compounds can not be predicted at this time.

QUALIFICATIONS:

(1) Nekoosa-Edwards continue it's stack monitoring program until the stack tests show that the facility's sulfur compound - emissions have stabilized. At that time, the emission data will be inputed into the Department's ambient air modeling. If non-compliance is shown, Nekoosa-Edwards will submit a compliance schedule.

(2) This installation be operated in compliance with the USEPA Standards of Performance For New Stationary Sources.

ESTIMATED COST: \$1,500,000 TOTAL PROJECT: \$13,800,000
COMMENCEMENT OF INSTALLATION: Upon Approval
COMMENCEMENT OF OPERATION: _____
REVIEWED BY: CDH APPROVED BY: JES
RECOMMENDATION: APPROVAL WITH QUALIFICATIONS
ASSIGNED PERMIT NUMBER: 287-A

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Gould, Inc.
4115 South Zero Street
Fort Smith, Arkansas

CSN: 660212

FIRST SUBMITTAL: April 7, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Gould, Inc. proposes to install equipment for the control of particulate and fume emissions formed during the manufacture of lead-acid industrial batteries. The equipment will be: (a) dust collectors (Carborundum Type CT-2) for, (1) paste mixing and pasting exhaust hoods, (2) assembly area exhaust hoods, (3) plate preparation exhaust hoods and, (4) a lime elevator bag dumper; (b) two fume scrubbers (Duall Type F-100) to remove sulfuric acid fumes formed in the plate forming room; and (c) gravity exhaust stacks on each of three parts casting lead melting pots and three grid casting lead melting parts.

The particulate emissions rates proposed by Gould are below the allowable rates permitted by the Arkansas Air Code and are consistent with test data collected by the New Jersey State Department of Environmental Protection.

The fume scrubbers are designed to be 96-98% efficient for this application. The emission rate proposed by Gould will be 0.008 lbs/hr for each scrubber.

ESTIMATED COST: _____ TOTAL PROJECT: \$2,059,000

COMMENCEMENT OF INSTALLATION: May 1, 1975

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: ROB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 288-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Great Lakes Chemical Corporation

El Dorado, Arkansas

CSN: 720012

FIRST SUBMITTAL: 3/27/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Great Lakes proposes to install a baghouse for controlling particulates from a spray drying operation. A water slurry is introduced at a controlled rate into a drying chamber. Air is heated by a direct fired natural gas burner and is introduced into the same chamber at a controlled rate and temperature. The air absorbs the water and transports the dry solids from the chamber. The bulk of the solids are removed by cyclones and packaged as a product. The balance of the solid particles are removed by passing the air stream through a fabric collector before exhausting to atmosphere. Material from the collector is also packaged as product. The baghouse will be a Western Precipitation Division/Joy Manufacturing Company Pulsflo Model PF 4595-135.

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

COMMENCEMENT OF INSTALLATION: 2/25/75

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: ROB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 289-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Cunningham Metals, Inc.

Russellville

CSN: _____

FIRST SUBMITTAL: March 20, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Cunningham Metals, Inc. proposes the installation of a furnace to be used for the reclaiming of iron contaminated aluminum. The furnace is to be equipped with an afterburner. The capacity of the furnace is 1000 pounds per hour. Test data submitted on similar units show the particulate emission rate to be approximately 0.06 pounds per hour.

ESTIMATED COST: \$9,500 TOTAL PROJECT: \$29,500

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: SB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 290-A

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Turner Memorial Hospital
801 River Street, Ozark, Arkansas 72949

CSN: _____

FIRST SUBMITTAL: January 29, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Turner Memorial Hospital of Ozark proposes to install a pathological incinerator of type Consumat C-18P for burning about 50 lbs. of waste daily. The test data submitted with the application shows the particulate emissions to be less than 0.2 gr/SCF at 12% CO₂.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 228-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Magnolia Manor Nursing Home
Post Office Drawer C - 301 South Boundry

CSN: _____

FIRST SUBMITTAL: 3/10/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Magnolia Manor Nursing Home of Magnolia, Arkansas proposes to install a Calcinator Pathological Incinerator of the type 10-GSX-P for burning about 5 lbs. of pathological waste every day. The proposed incinerator has a capacity of 1.5 bushels/hour i.e., 11 lbs/hour and will be operated for about 1-2 hours/day. From the test data submitted, the particulate emissions were found to be 0.06 gr/SCF at 12% CO₂. The unit is a multichamber, controlled combustion incinerator with a 35,000 BTU/hour primary inshot burner and a secondary burner with 15,000 BTU/hour capacity. The unit has an automatic time control device with 1 hour time as minimum setting. It also has a 100% safety shut-off of pilot burner if gas or pilot failure occurs.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 232- AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Riverwood Convalescent Home

Post Office Box 278 - 108 Caddo Street
Arkadelphia, Arkansas 71923

CSN: _____

FIRST SUBMITTAL: 3/10/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Riverwood Convalescent Home of Arkadelphia, Arkansas proposes to install a Calcinator Pathological Incinerator of the type 10-GSX-P for burning about 5 lbs. of pathological waste every day. The proposed incinerator has a capacity of 1.5 bushels/hour i.e., 11 lbs/hour and will be operated for about 1-2 hours/day. From the test data submitted, the particulate emissions were found to be 0.06 gr/SCF at 12% CO₂. The unit is a multichamber, controlled combustion incinerator with a 35,000 BTU/hour primary inshot burner and a secondary burner with 15,000 BTU/hour capacity. The unit has an automatic time control device with 1 hour time as minimum setting. It also has a 100% safety shut-off of pilot burner if gas or pilot failure occurs.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 233-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Paris Retirement Inn, Inc.

513 North Roseville
Paris, Arkansas 72855

CSN: _____

FIRST SUBMITTAL: 3/10/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Paris Retirement Inn, Inc of Paris, Arkansas proposes to install a Calcinator Pathological Incinerator of the type 10-GSX-P for burning about 5 lbs. of pathological waste every day. The proposed incinerator has a capacity of 1.5 bushels/hour i.e., 11 lbs/hour and will be operated for about 1-2 hours/day. From the test data submitted, the particulate emissions were found to be 0.06 gr/SCF at 12% CO₂. The unit is a multichamber, controlled combustion incinerator with a 35,000 BTU/hour primary inshot burner and a secondary burner with 15,000 BTU/hour capacity. The unit has an automatic time control device with 1 hour time as minimum setting. It also has a 100% safety shut-off of pilot burner if gas or pilot failure occurs.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 234-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Home for the Golden Years

Post Office Box 388 - 321 South 9th Street
Piggott, Arkansas 72454

CSN: _____

FIRST SUBMITTAL: 3/10/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Home for the Golden Years of Piggott, Arkansas proposes to install a Calcinator Pathological Incinerator of the type 10-GSX-P for burning about 5 lbs. of pathological waste every day. The proposed incinerator has a capacity of 1.5 bushels/hour i.e., 11 lbs/hour and will be operated for about 1-2 hours/day. From the test data submitted, the particulate emissions were found to be 0.06 gr/SCF at 12% CO₂. The unit is a multichamber, controlled combustion incinerator with a 35,000 BTU/hour primary inshot burner and a secondary burner with 15,000 BTU/hour capacity. The unit has an automatic time control device with 1 hour time as minimum setting. It also has a 100% safety shut-off of pilot burner if gas or pilot failure occurs.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 235-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Twin Lakes Nursing Home

Post Office Box 325, Route 1, Hwy. 5 N.
Mountain Home, Arkansas 72653

CSN: _____

FIRST SUBMITTAL: 3/10/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Twin Lakes Nursing Home of Mountain Home, Arkansas proposes to install a Calcinator Pathological Incinerator of the type 10-GSX-P for burning about 5 lbs. of pathological waste every day. The proposed incinerator has a capacity of 1.5 bushels/hour i.e., 11 lbs/hour and will be operated for about 1-2 hours/day. From the test data submitted, the particulate emissions were found to be 0.06 gr/SCF at 12% CO₂. The unit is a multichamber, controlled combustion incinerator with a 35,000 BTU/hour primary inshot burner and a secondary burner with 15,000 BTU/hour capacity. The unit has an automatic time control device with 1 hour time as minimum setting. It also has a 100% safety shut-off of pilot burner if gas or pilot failure occurs.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 236-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Meadowlake Nursing Home

Route 5, Box 1203 Meadowlake Road
Conway, Arkansas 72032

CSN: _____

FIRST SUBMITTAL: 3/10/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Meadowlake Nursing Home of Conway, Arkansas proposes to install a Calcinator Pathological Incinerator of the type 10-GSX-P for burning about 5 lbs. of pathological waste every day. The proposed incinerator has a capacity of 1.5 bushels/hour i.e., 11 lbs/hour and will be operated for about 1-2 hours/day. From the test data submitted, the particulate emissions were found to be 0.06 gr/SCF at 12% CO₂. The unit is a multichamber, controlled combustion incinerator with a 35,000 BTU/hour primary inshot burner and a secondary burner with 15,000 BTU/hour capacity. The unit has an automatic time control device with 1 hour time as minimum setting. It also has a 100% safety shut-off of pilot burner if gas or pilot failure occurs.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 237-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Hot Springs Nursing Home

1401 Park Avenue
Hot Springs, Arkansas 71901

CSN: _____

FIRST SUBMITTAL: 3/10/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Hot Springs Nursing Home of Hot Springs, Arkansas proposes to install a Calcinator Pathological Incinerator of the type 10-GSX-P for burning about 5 lbs. of pathological waste every day. The proposed incinerator has a capacity of 1.5 bushels/hour i.e., 11 lbs/hour and will be operated for about 1-2 hours/day. From the test data submitted, the particulate emissions were found to be 0.06 gr/SCF at 12% CO₂. The unit is a multichamber, controlled combustion incinerator with a 35,000 BTU/hour primary inshot burner and a secondary burner with 15,000 BTU/hour capacity. The unit has an automatic time control device with 1 hour time as minimum setting. It also has a 100% safety shut-off of pilot burner if gas or pilot failure occurs.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 238-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Junction City Nursing Home
Maple & 1st Street; Junction City, Arkansas 71749

CSN: _____

FIRST SUBMITTAL: 3/10/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Junction City Nursing Home of Junction City, Arkansas proposes to install a Calcinator Pathological Incinerator of the type 10-GSX-P for burning about 5 lbs. of pathological waste every day. The proposed incinerator has a capacity of 1.5 bushels/hour i.e., 11 lbs/hour and will be operated for about 1-2 hours/day. From the test data submitted, the particulate emissions were found to be 0.06 gr/SCF at 12% CO₂. The unit is a multichamber, controlled combustion incinerator with a 35,000 BTU/hour primary inshot burner and a secondary burner with 15,000 BTU/hour capacity. The unit has an automatic time control device with 1 hour time as minimum setting. It also has a 100% safety shut-off of pilot burner if gas or pilot failure occurs.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 239-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Home for the Golden Years
Post Office Box 218 - 2100 Linwood Dr. - Paragould,
Arkansas 72450

CSN: _____

FIRST SUBMITTAL: 3/10/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Home for the Golden Years of Paragould, Arkansas proposes to install a Calcinator Pathological Incinerator of the type 10-GSX-P for burning about 5 lbs. of pathological waste every day. The proposed incinerator has a capacity of 1.5 bushels/hour i.e., 11 lbs/hour and will be operated for about 1-2 hours/day. From the test data submitted, the particulate emissions were found to be 0.06 gr/SCF at 12% CO₂. The unit is a multichamber, controlled combustion incinerator with a 35,000 BTU/hour primary inshot burner and a secondary burner with 15,000 BTU/hour capacity. The unit has an automatic time control device with 1 hour time as minimum setting. It also has a 100% safety shut-off of pilot burner if gas or pilot failure occurs.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 240-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Benton Retirement Inn, Inc.

709 Kenwood Road
Benton, Arkansas 72015

CSN: _____

FIRST SUBMITTAL: 3/10/75 AMENDED: _____

CASE REFERENCES: _____

SUMMARY:

Benton Retirement Inn of Benton, Arkansas proposes to reconstruct a pathological incinerator, of the type Shenandoah G-64 to burn about 5 lbs. of pathological waste every day. The incinerator has a capacity of about 25 lbs/hr. and would be operated for about 1 or 2 hrs/day. The particulate emissions, from the test data submitted was found to be 0.081 gr/SCF at 12% CO₂.

QUALIFICATIONS: After the incinerator has been rebuilt, the Department of Pollution Control and Ecology should be notified so that a member of the staff could inspect the incinerator and then approve it if found satisfactory with the Arkansas Air Code.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: APPROVAL

ASSIGNED PERMIT NUMBER: 241-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: New Porter Rodgers Hospital

Highway 67 B, Searcy

CSN: _____

FIRST SUBMITTAL: April 7, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: New Porter Rodgers Hospital of Searcy proposes to install a pathological incinerator, Consumat, Model C-75 P to burn approximately 2500 lbs. of waste daily consisting of cardboard and pathological waste. The proposed incinerator will be operated for about 8 hrs/day. The test data submitted with the application shows the particulate emissions to be less than 0.2 g₂/SCF.

ESTIMATED COST: \$10,535 TOTAL PROJECT: \$10,535

COMMENCEMENT OF INSTALLATION: Upon Approval

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: Steve Bohra APPROVED: Jarrell Southall

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 242-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: YELL COUNTY HOSPITAL
HWY 10, Danville, Arkansas

CSN: _____

FIRST SUBMITTAL: March 28, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Yell County Hospital proposes to install a pathological incinerator, Consumat C-18 P, to dispose of 50 lbs/hr of waste every day.

The incinerator has a capacity of 75 lbs/hr for type 0 waste, 95 lbs/hr for type 1 waste and 50 lbs/hr of type 4 waste. The test data submitted with the application shows the particulate emissions to be less than 0.2 gr/scf. at 12 percent CO₂.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

DATE OF COMPLIANCE: GIVEN: _____ SET: _____

REVIEWED BY: Steve Bohra APPROVED: Jarrell Southall

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 243-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: PINE BLUFF NURSING HOME
Pine Bluff, Arkansas

CSN: _____

FIRST SUBMITTAL: April 23, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Pine Bluff Nursing Home of Pine Bluff, Arkansas, proposes a pathological incinerator, Consumat C-18 P, to dispose of 50 lbs/hr of waste every day.

The incinerator has a capacity of 75 lbs/hr for type 0 waste, 95 lbs/hr for type 1 waste and 50 lbs/hr of type 4 waste. The test data submitted with the application shows the particulate emissions to be less than 0.2 gr/scf at 12 percent CO₂.

ESTIMATED COST: _____ TOTAL PROJECT: _____

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: Steve Bohra APPROVED: Jarrell Southall

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 244-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: WASHINGTON REGIONAL MEDICAL CENTER
20, West North St., Fayetteville, Arkansas

CSN: February 27, 1975

FIRST SUBMITTAL: _____ AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Washington Regional Medical Center of Fayetteville, proposes to install a pathological, Hesston Incinerator, type #p2DP with a rated capacity of 50 lbs/hr to burn about 400 lbs of type 4 waste every day.

The incinerator will be operated for about 8 hours/day. The particulate emissions is shown to be 0.0414 gr/scf at 12 percent CO₂, from the test data submitted.

ESTIMATED COST: \$4,250 TOTAL PROJECT: \$4,250

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: Steve Bohra APPROVED: Jarrell Southall

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 245-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: Dr. Gray's Hospital
477 E. Main Street, Batesville, Arkansas

CSN: _____

FIRST SUBMITTAL: May 8, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: Dr. Gray's Hospital in Batesville proposes to install a pathological incinerator (Fire Engineer Model HR-300) to burn 600 lbs. of type 0 and type IV wastes. The incinerator has a rated capacity of 260 lbs/hr and will be operated for 3 hrs/day. The test data submitted with the application shows the particulate emissions to be 0.061 gr/scf at 12% CO₂.

ESTIMATED COST: \$9,146 TOTAL PROJECT: \$ 9,146

COMMENCEMENT OF INSTALLATION: _____

DATE OF COMPLIANCE: GIVEN: _____ SET: _____

REVIEWED BY: IB APPROVED: JES

RECOMMENDATION: Approval

ASSIGNED PERMIT NUMBER: 247-AI

COMMISSION MINUTE ORDER NUMBER: _____

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

SUMMARY REPORT RELATIVE TO PERMIT APPLICATION

SUBMITTED BY: University of Ark. Medical Center
4301 West Markham Street, Little Rock, Arkansas

CSN: _____

FIRST SUBMITTAL: May 14, 1975 AMENDED: _____

CASE REFERENCES: _____

SUMMARY: University of Arkansas Medical Center at Little Rock proposes to install a pathological, Consumat incinerator, Model C-75P to burn about 3,000 lbs. of Type 0 & IV waste. The incinerator would be operated for 8 hours per day and has a capacity of 250 lbs/hr for Type 0 waste, 320 lbs/hr for Type 1 waste and 175 lbs/hr for Type IV waste. The test data submitted with the application shows the particulate emissions to be <0.2 gr/SCF at 12% CO₂.

ESTIMATED COST: \$11,727 TOTAL PROJECT: \$11,727

COMMENCEMENT OF INSTALLATION: _____

COMMENCEMENT OF OPERATION: _____

REVIEWED BY: Steve Bohra APPROVED: Jarrell Southall

RECOMMENDATION: Approved

ASSIGNED PERMIT NUMBER: 248-AI

COMMISSION MINUTE ORDER NUMBER: _____