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**Georgia Department of Natural Resources**

**Environmental Protection Division • Air Protection Branch**

**4244 International Parkway • Suite 120 • Atlanta • Georgia 30354**

**404/363-7000 • Fax: 404/363-7100**

**Chris Clark, Commissioner**

**Carol A. Couch, Ph.D., Director**

**MAY 15 2009**

Mr. Richard Schutt, Chief  
Air Planning Branch  
U.S. EPA, Region IV  
Atlanta Federal Center  
61 Forsyth Street, S.W.  
Atlanta, Georgia 30303-8960

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

Dear Mr. Schutt:

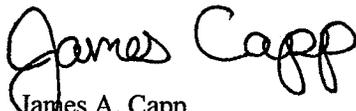
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It is the Final Determination that the proposed construction of the Yellow Pine facility should be approved. Enclosed is a copy of Air Quality Permit No. 4911-061-0001-P-01-0 and a copy of the Final Determination.

Please call Tyneshia Tate at (404) 362-2700 or email her at [tyneshia.tate@dnr.state.ga.us](mailto:tyneshia.tate@dnr.state.ga.us) if you should have any questions regarding this matter.

Sincerely,



James A. Capp  
Branch Chief  
Air Protection Branch

JAC:tt

Enclosures

# Georgia Department of Natural Resources

Environmental Protection Division • Air Protection Branch  
4244 International Parkway • Suite 120 • Atlanta • Georgia 30354

404/363-7000 • Fax: 404/363-7100

Chris Clark, Commissioner  
Carol A. Couch, Ph.D., Director

**MAY 15 2009**

Mr. Greg Strong  
Northeast District Director – Air Resource Management  
7825 Baymeadows Way  
Suite B200  
Jacksonville, Florida 32256-7590

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

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Air Protection Branch

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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

MAY 15 2009

Mr. Ron Gore  
Chief - Air Division  
1400 Coliseum Blvd  
Montgomery, Alabama 36110

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Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

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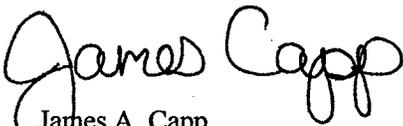
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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

MAY 15 2009

Ms. Teresa Smith  
Clay County Clerk  
P. O. Box 519  
Fort Gaines, GA 39851

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

Dear Ms. Smith:

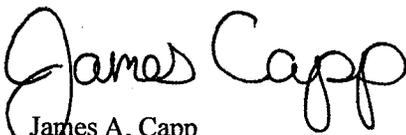
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James A. Capp  
Branch Chief  
Air Protection Branch

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404/363-7000 • Fax: 404/363-7100

Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

**MAY 15 2009**

Honorable Samuel T. Johnson  
Mayor  
City of Fort Gaines  
P.O. Box 251  
Fort Gaines, Georgia 39851

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

Dear Mayor Johnson:

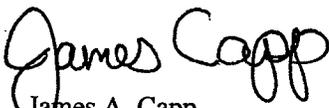
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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

MAY 15 2009

Honorable Brian Blalock  
Mayor  
City of Abbeville  
P.O. Box 427  
Abbeville, Alabama 36310

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Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

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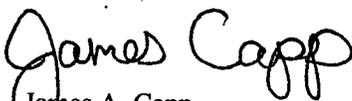
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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

**MAY 15 2009**

Honorable Richard Hall  
Mayor  
City of Blakely  
P.O. Box 350  
Blakely, Georgia 31723-0350

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Fort Gaines, Clay County, Georgia

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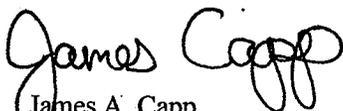
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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

**MAY 15 2009**

Honorable Deloris Redding  
Mayor  
City of Bluffton  
P.O. Box 55  
Bluffton, Georgia 39824

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Fort Gaines, Clay County, Georgia

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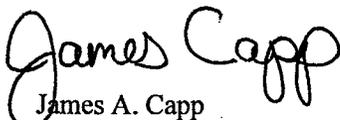
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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

**MAY 15 2009**

Honorable David Shivers  
Chairman, Clay County Board of Commissioners  
P. O. Box 519  
Fort Gaines, Georgia 39851

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Honorable Richard Ward  
Chairman, Early County Board of Commissioners  
P.O. Box 693  
Blakely, Georgia 39823

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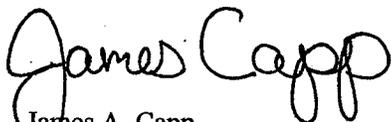
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Carol A. Couch, Ph.D., Director

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Chairperson, Henry County Board of Commissioners  
101 Court Square, Suite A  
Abbeville, Alabama 36310

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Dear Ms. Smith and Honorable Commissioners:

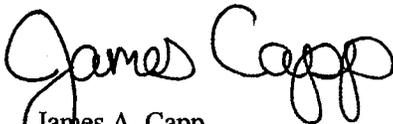
Yellow Pine Energy Company, LLC (Yellow Pine) filed an application for an air quality permit to construct and operate a 110-megawatt (MW) biomass-fired power plant. The proposed project will include: fluidized bed boiler with a heat input capacity of 1,529 million British Thermal Units per hour ( $10^6$  Btu/hr); a condensing steam turbine generator; an auxiliary boiler with a heat input capacity of  $25 \times 10^6$  Btu/hr; multi-cell mechanical draft wet cooling tower; a water treatment plant; a wastewater treatment plant and outfall; back-up emergency diesel generator and diesel firewater pump; ash/inert landfill; aqueous ammonia storage tank; limestone storage bins; a No. 2 fuel oil storage tank; diesel fuel oil storage tanks; and supporting plant equipment. The plant will have the capability of firing 95% metal-free tire-derived fuel (TDF) in small quantities on a trial basis in addition to biomass fuel. Low sulfur No. 2 fuel oil or propane will be used for start-up of the fluidized bed boiler and will be the primary fuel of the auxiliary boiler. The facility will be located at Georgia Highway 39, in Clay County, Georgia per Georgia Air Quality Application No. 17700. The Georgia Environmental Protection Division – Air Protection Branch has completed its review of this application.

The PSD Preliminary Determination that the proposed construction and operation at said facility should be approved was issued on February 26, 2009. The public notice concerning the application and preliminary determination appeared in *The Cuthbert Southern Tribune* (legal organ for Clay County) on March 5, 2009. The 30-day public comment period expired on April 14, 2009. Comments were received from U.S. EPA, San Joaquin Valley Air Pollution Control District, facility, and public.

It is the Final Determination that the proposed construction of the Yellow Pine facility should be approved. The Air Quality Permit and Final Determination are being made available for public inspection at the same locations as the PSD Preliminary Determination.

Please call Tyneshia Tate at (404) 362-2700 or email her at [tyneshia.tate@dnr.state.ga.us](mailto:tyneshia.tate@dnr.state.ga.us) if you should have any questions regarding this matter.

Sincerely,



James A. Capp  
Branch Chief  
Air Protection Branch

JAC:tt

# Georgia Department of Natural Resources

Environmental Protection Division • Air Protection Branch

4244 International Parkway • Suite 120 • Atlanta • Georgia 30354

404/363-7000 • Fax: 404/363-7100

Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

MAY 15 2009

Ms. Patti Cullen,  
Executive Director  
Lower Chattahoochee Regional Development Center  
1428 Second Avenue  
P. O. Box 1908  
Columbus, Georgia 31902-1908

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

Dear Ms. Cullen:

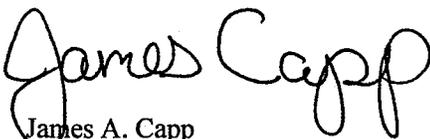
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