

PF
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

AUG 24 2009

Bobby Tucker
Sr. Manager
Energy Consulting Group
3625 Cumberland Blvd, Suite 1525
Atlanta, GA 30339

Re: PSD and 112(g) Draft Permit
Application No. 17924 dated January 17, 2008
Plant Washington, AIRS No. 30300051

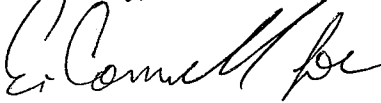
Dear Mr. Tucker:

Enclosed is DRAFT Prevention of Significant Deterioration (PSD) Permit No. 4911-303-0051-P-01-0 for Plant Washington located at Mayview Road, Sandersville, Georgia 31082 (Washington County) for the construction and operation of a 850 megawatt (MW) net output capacity coal fired power plant. Also enclosed are the findings of Georgia EPD in the PSD Preliminary Determination. Please note that any construction may not commence until the final PSD is issued.

The Public Notice, to be published by Plant Washington, is attached. The attached Public Notice shall be published once in The Sandersville Progress, P. O. Box 431, 118 East Haynes Street, Sandersville, GA 31082 (Tel: 478-552-3161). A tear sheet of the Public Notice, showing the date of publication, or affidavit of publication must be submitted to my attention within 7 days following the date of publication. The "tear sheet" is the actual page from the newspaper in which the Public Notice is published.

You may contact me at (404) 362-6453 or via e-mail at purva.prabhu@dnr.state.ga.us regarding questions about the permit conditions.

Sincerely,



Purva Prabhu
Environmental Engineer
Stationary Source Permitting Program

Enclosures

c: Lynn Rhodes, ISMP, SSCP

Georgia Department of Natural Resources

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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

AUG 24 2009

Lee Lord
County Clerk
County of Washington
P. O. Box 271
Sandersville, GA 31082

Re: PSD and 112(g) Permit Application No. 17924 dated January 17, 2008
Plant Washington, AIRS No. 30300051
Sandersville, Washington County, Georgia

Dear Mr. Lord:

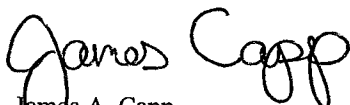
Plant Washington has filed an application for an air quality permit to construct and operate a 850 megawatt (MW) net output capacity coal fired power plant. The proposed project will include: one supercritical pulverized coal fired 8,300 MMBtu/hr boiler; one 240 MMBtu/hr auxiliary boiler; a steam turbine and associated generator; thirty four cell cooling tower; one 1500 HP emergency diesel fired generator; one 350 HP diesel fired pump; facilities for receiving, handling and storing of coal, anhydrous ammonia, limestone, mercury removal adsorbent and sulfur trioxide removal sorbent; facilities for handling and storing of process byproducts; facilities for on-site storage of process waste; diesel fuel oil storage tanks; and supporting plant equipment. The plant will be designed to burn sub-bituminous coal (Powder River Basin, or PRB coal) and as an alternate fuel up to a 50/50 blend of eastern bituminous coal (Illinois #6) and sub-bituminous coal. Ultra low sulfur distillate fuel oil will be used as the start-up fuel for the coal fired boiler and for operation of the auxiliary boiler and emergency equipments. The facility will be located at Mayview Road, in Washington County, Georgia per Georgia Air Quality Application No. 17924. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD and MACT review and has issued a preliminary determination and Notice of MACT Approval that the proposed construction and operation of said facility should be approved.

The public notice concerning the application, PSD Preliminary Determination and Notice of MACT Approval will be published in *The Sandersville Progress* (legal organ for Washington County) by Plant Washington within 15 days of the date of this letter.

Enclosed is a copy of the public notice, permit application, the Georgia EPD PSD Preliminary Determination and Notice of MACT Approval; and a copy of draft Air Quality Permit No. 4911-303-0051-P-01-0. The County Clerk's office has been designated as a location for public review of this information. We would appreciate you making these documents available at the County Clerk's Office for at least 70 days from the date of receipt of this letter. After this date, the documents can either be filed for your records or discarded.

Please contact Purva Prabhu at (404) 362-6453 or via e-mail at purva.prabhu@dnr.state.ga.us if you should have any questions regarding this matter.

Sincerely,



James A. Capp
Branch Chief
Air Protection Branch

JAC:pp

Enclosures

Georgia Department of Natural Resources

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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

AUG 24 2009

Honorable Jimmy Andrews
Honorable Mayor
City of Sandersville
P.O. Box 71
Sandersville, GA 31082

Re: PSD and 112(g) Permit Application No. 17924 dated January 17, 2008
Plant Washington, AIRS No. 30300051
Sandersville, Washington County, Georgia

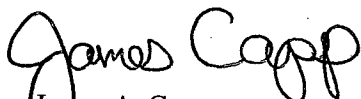
Dear Mayor Andrews:

Plant Washington has filed an application for an air quality permit to construct and operate a 850 megawatt (MW) net output capacity coal fired power plant. The proposed project will include: one supercritical pulverized coal fired 8,300 MMBtu/hr boiler; one 240 MMBtu/hr auxiliary boiler; a steam turbine and associated generator; thirty four cell cooling tower; one 1500 HP emergency diesel fired generator; one 350 HP diesel fired pump; facilities for receiving, handling and storing of coal, anhydrous ammonia, limestone, mercury removal adsorbent and sulfur trioxide removal sorbent; facilities for handling and storing of process byproducts; facilities for on-site storage of process waste; diesel fuel oil storage tanks; and supporting plant equipment. The plant will be designed to burn sub-bituminous coal (Powder River Basin, or PRB coal) and as an alternate fuel up to a 50/50 blend of eastern bituminous coal (Illinois #6) and sub-bituminous coal. Ultra low sulfur distillate fuel oil will be used as the start-up fuel for the coal fired boiler and for operation of the auxiliary boiler and emergency equipments. The facility will be located at Mayview Road, in Washington County, Georgia per Georgia Air Quality Application No. 17924. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

Enclosed is the public notice concerning the application and preliminary determination that will be published in *The Sandersville Progress* (legal organ for Washington County) by Plant Washington within 15 days of the date of this letter.

Please contact Purva Prabhu at (404) 362-6453 or via e-mail at purva.prabhu@dnr.state.ga.us if you should have any questions regarding this matter.

Sincerely,



James A. Capp
Branch Chief
Air Protection Branch

JAC:pp

Enclosure

Georgia Department of Natural Resources

Environmental Protection Division • Air Protection Branch

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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

AUG 24 2009

Horace M. Daniel
Chairman
Washington County Board of Commissioners
P.O. Box 271
Sandersville, GA 31082

Re: PSD and 112(g) Permit Application No. 17924 dated January 17, 2008
Plant Washington, AIRS No. 30300051
Sandersville, Washington County, Georgia

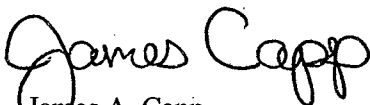
Dear Mr. Daniel and Honorable Commissioners:

Plant Washington has filed an application for an air quality permit to construct and operate a 850 megawatt (MW) net output capacity coal fired power plant. The proposed project will include: one supercritical pulverized coal fired 8,300 MMBtu/hr boiler; one 240 MMBtu/hr auxiliary boiler; a steam turbine and associated generator; thirty four cell cooling tower; one 1500 HP emergency diesel fired generator; one 350 HP diesel fired pump; facilities for receiving, handling and storing of coal, anhydrous ammonia, limestone, mercury removal adsorbent and sulfur trioxide removal sorbent; facilities for handling and storing of process byproducts; facilities for on-site storage of process waste; diesel fuel oil storage tanks; and supporting plant equipment. The plant will be designed to burn sub-bituminous coal (Powder River Basin, or PRB coal) and as an alternate fuel up to a 50/50 blend of eastern bituminous coal (Illinois #6) and sub-bituminous coal. Ultra low sulfur distillate fuel oil will be used as the start-up fuel for the coal fired boiler and for operation of the auxiliary boiler and emergency equipments. The facility will be located at Mayview Road, in Washington County, Georgia per Georgia Air Quality Application No. 17924. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

Enclosed is the public notice concerning the application and preliminary determination that will be published in The Sandersville Progress (legal organ for Washington County) by Plant Washington within 15 days of the date of this letter.

Please contact Purva Prabhu at (404) 362-6453 or via e-mail at purva.prabhu@dnr.state.ga.us if you should have any questions regarding this matter.

Sincerely,



James A. Capp
Branch Chief
Air Protection Branch

JAC:pp

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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

AUG 24 2009

Andy Crosson
Executive Director
CSRA Regional Development Center
3023 Riverwatch Pkwy, Suite A
Augusta, GA 30907

Re: PSD and 112(g) Permit Application No. 17924 dated January 17, 2008
Plant Washington, AIRS No. 30300051
Sandersville, Washington County, Georgia

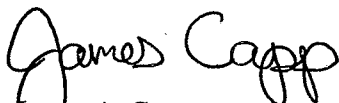
Dear Mr. Crosson:

Plant Washington has filed an application for an air quality permit to construct and operate a 850 megawatt (MW) net output capacity coal fired power plant. The proposed project will include: one supercritical pulverized coal fired 8,300 MMBtu/hr boiler; one 240 MMBtu/hr auxiliary boiler; a steam turbine and associated generator; thirty four cell cooling tower; one 1500 HP emergency diesel fired generator; one 350 HP diesel fired pump; facilities for receiving, handling and storing of coal, anhydrous ammonia, limestone, mercury removal adsorbent and sulfur trioxide removal sorbent; facilities for handling and storing of process byproducts; facilities for on-site storage of process waste; diesel fuel oil storage tanks; and supporting plant equipment. The plant will be designed to burn sub-bituminous coal (Powder River Basin, or PRB coal) and as an alternate fuel up to a 50/50 blend of eastern bituminous coal (Illinois #6) and sub-bituminous coal. Ultra low sulfur distillate fuel oil will be used as the start-up fuel for the coal fired boiler and for operation of the auxiliary boiler and emergency equipments. The facility will be located at Mayview Road, in Washington County, Georgia per Georgia Air Quality Application No. 17924. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

Enclosed is the public notice concerning the application and preliminary determination that will be published in *The Sandersville Progress* (legal organ for Washington County) by Plant Washington within 15 days of the date of this letter.

Please contact Purva Prabhu at (404) 362-6453 or via e-mail at purva.prabhu@dnr.state.ga.us if you should have any questions regarding this matter.

Sincerely,



James A. Capp
Branch Chief
Air Protection Branch

JAC:pp

Enclosure

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4244 International Parkway • Suite 120 • Atlanta • Georgia 30354

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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

AUG 24 2009

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. 17924 dated January 17, 2008
Plant Washington, AIRS No. 30300051
Sandersville, Washington County, Georgia

Dear Mr. Schutt:

Plant Washington has filed an application for an air quality permit to construct and operate a 850 megawatt (MW) net output capacity coal fired power plant. The proposed project will include: one supercritical pulverized coal fired 8,300 MMBtu/hr boiler; one 240 MMBtu/hr auxiliary boiler; a steam turbine and associated generator; thirty four cell cooling tower; one 1500 HP emergency diesel fired generator; one 350 HP diesel fired pump; facilities for receiving, handling and storing of coal, anhydrous ammonia, limestone, mercury removal adsorbent and sulfur trioxide removal sorbent; facilities for handling and storing of process byproducts; facilities for on-site storage of process waste; diesel fuel oil storage tanks; and supporting plant equipment. The plant will be designed to burn sub-bituminous coal (Powder River Basin, or PRB coal) and as an alternate fuel up to a 50/50 blend of eastern bituminous coal (Illinois #6) and sub-bituminous coal. Ultra low sulfur distillate fuel oil will be used as the start-up fuel for the coal fired boiler and for operation of the auxiliary boiler and emergency equipments. The facility will be located at Mayview Road, in Washington County, Georgia per Georgia Air Quality Application No. 17924. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

The public notice concerning the application and preliminary determination will be published in *The Sandersville Progress* (legal organ for Washington County) by Plant Washington within 15 days of the date of this letter.

The following documents pertinent to the PSD review are enclosed:

1. PSD Preliminary Determination, including Draft Air Quality Permit No. 4911-303-0051-P-01-0
2. Letters to officials in Washington County
3. Letter to applicant transmitting PSD Preliminary Determination

Comments will be received concerning this preliminary determination until October 27, 2009. Please call Purva Prabhu at (404) 362-6453 or via e-mail at purva.prabhu@dnr.state.ga.us if you should have any questions regarding this matter.

Sincerely,



James A. Capp
Branch Chief
Air Protection Branch

JAC:pp

Enclosures

Georgia Department of Natural Resources

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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

AUG 24 2009

Myra C. Reece
Chief, Bureau of Air Quality
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Re: PSD and 112(g) Permit Application No. 17924 dated January 17, 2008
Plant Washington, AIRS No. 30300051
Sandersville, Washington County, Georgia

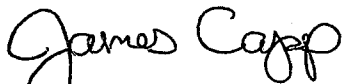
Dear Ms. Reece:

Plant Washington has filed an application for an air quality permit to construct and operate a 850 megawatt (MW) net output capacity coal fired power plant. The proposed project will include: one supercritical pulverized coal fired 8,300 MMBtu/hr boiler; one 240 MMBtu/hr auxiliary boiler; a steam turbine and associated generator; thirty four cell cooling tower; one 1500 HP emergency diesel fired generator; one 350 HP diesel fired pump; facilities for receiving, handling and storing of coal, anhydrous ammonia, limestone, mercury removal adsorbent and sulfur trioxide removal sorbent; facilities for handling and storing of process byproducts; facilities for on-site storage of process waste; diesel fuel oil storage tanks; and supporting plant equipment. The plant will be designed to burn sub-bituminous coal (Powder River Basin, or PRB coal) and as an alternate fuel up to a 50/50 blend of eastern bituminous coal (Illinois #6) and sub-bituminous coal. Ultra low sulfur distillate fuel oil will be used as the start-up fuel for the coal fired boiler and for operation of the auxiliary boiler and emergency equipments. The facility will be located at Mayview Road, in Washington County, Georgia per Georgia Air Quality Application No. 17924. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

Enclosed is the public notice concerning the application and preliminary determination that will be published in *The Sandersville Progress* (legal organ for Washington County) by Plant Washington within 15 days of the date of this letter, a copy of the Georgia EPD PSD Preliminary Determination and a copy of draft Air Quality Permit No. 4911-303-0051-P-01-0.

Please contact Purva Prabhu at (404) 362-6453 or via e-mail at purva.prabhu@dnr.state.ga.us if you should have any questions regarding this matter.

Sincerely,



James A. Capp
Branch Chief
Air Protection Branch

JAC:pp

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AUG 24 2009

404/363-7000 • Fax: 404/363-7100

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

Keith Overcash
Director of Division of Air Quality
North Carolina Department of Environment and Natural Resources
2728 Capital Boulevard
Raleigh, NC 27604

Re: PSD and 112(g) Permit Application No. 17924 dated January 17, 2008
Plant Washington, AIRS No. 30300051
Sandersville, Washington County, Georgia

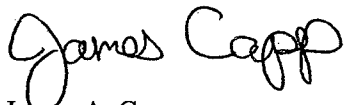
Dear Mr. Overcash:

Plant Washington has filed an application for an air quality permit to construct and operate a 850 megawatt (MW) net output capacity coal fired power plant. The proposed project will include: one supercritical pulverized coal fired 8,300 MMBtu/hr boiler; one 240 MMBtu/hr auxiliary boiler; a steam turbine and associated generator; thirty four cell cooling tower; one 1500 HP emergency diesel fired generator; one 350 HP diesel fired pump; facilities for receiving, handling and storing of coal, anhydrous ammonia, limestone, mercury removal adsorbent and sulfur trioxide removal sorbent; facilities for handling and storing of process byproducts; facilities for on-site storage of process waste; diesel fuel oil storage tanks; and supporting plant equipment. The plant will be designed to burn sub-bituminous coal (Powder River Basin, or PRB coal) and as an alternate fuel up to a 50/50 blend of eastern bituminous coal (Illinois #6) and sub-bituminous coal. Ultra low sulfur distillate fuel oil will be used as the start-up fuel for the coal fired boiler and for operation of the auxiliary boiler and emergency equipments. The facility will be located at Mayview Road, in Washington County, Georgia per Georgia Air Quality Application No. 17924. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

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Sincerely,



James A. Capp
Branch Chief
Air Protection Branch

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Chris Clark, Commissioner

Carol A. Couch, Ph.D., Director

Barry R. Stephens
Director of Air Pollution Control
Tennessee Department of Environment and Conservation
401 Church St.
9th Floor, L & C Annex
Nashville, TN 37243

Re: PSD and 112(g) Permit Application No. 17924 dated January 17, 2008
Plant Washington, AIRS No. 30300051
Sandersville, Washington County, Georgia

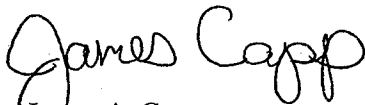
Dear Mr. Stephens:

Plant Washington has filed an application for an air quality permit to construct and operate a 850 megawatt (MW) net output capacity coal fired power plant. The proposed project will include: one supercritical pulverized coal fired 8,300 MMBtu/hr boiler; one 240 MMBtu/hr auxiliary boiler; a steam turbine and associated generator; thirty four cell cooling tower; one 1500 HP emergency diesel fired generator; one 350 HP diesel fired pump; facilities for receiving, handling and storing of coal, anhydrous ammonia, limestone, mercury removal adsorbent and sulfur trioxide removal sorbent; facilities for handling and storing of process byproducts; facilities for on-site storage of process waste; diesel fuel oil storage tanks; and supporting plant equipment. The plant will be designed to burn sub-bituminous coal (Powder River Basin, or PRB coal) and as an alternate fuel up to a 50/50 blend of eastern bituminous coal (Illinois #6) and sub-bituminous coal. Ultra low sulfur distillate fuel oil will be used as the start-up fuel for the coal fired boiler and for operation of the auxiliary boiler and emergency equipments. The facility will be located at Mayview Road, in Washington County, Georgia per Georgia Air Quality Application No. 17924. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

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Sincerely,



James A. Capp
Branch Chief
Air Protection Branch

JAC:pp

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