



W. Marshall Taylor Jr., Acting Director

Promoting and protecting the health of the public and the environment

March 5, 2015

Mr. Johnnie Waller
PO Box 88
MC 846
Jenkinsville, SC 29065

RE: Modification of Attachment A and B for the General State Operating Permit for Concrete Plants
Virgil C. Summer Nuclear Station
Permit Number: 1000-0036

Dear Mr. Waller:

Enclosed is modified Attachment A and B of the General State Operating Permit for Concrete Plants for Permit No. GSOP-1000-0036 to show that the facility has updated their physical address and mailing address. The facility's permit has the same expiration date and will remain valid through June 30, 2023.

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Jerisha Dukes via phone at (803) 898-4292 or by e-mail at dukesjs@dhec.sc.gov promptly if any are discovered.

Pursuant to the South Carolina Administrative Procedures Act, any Department decision involving the issuance, denial, renewal, suspension or revocation of a permit may be appealed by the applicant, permittee, licensee, and/or affected persons. Please see the enclosed "Guide to Board Review" for guidelines on filing an appeal.

Sincerely,

Elizabeth J. Basil, Director
Engineering Services Division
Bureau of Air Quality

EJB:jsd/kal:kea

Enclosure

cc: Permit File: 1000-0036

ec: Ben Buchanan, BEHS

ATTACHMENT A

Facility Information

Virgil C. Summer Nuclear Station

GSOP-1000-0036

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A - APPLICABLE PERMIT DATES

COVERAGE DATE: September 13, 2013

B - FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 14368 State Highway 213
CITY, STATE, ZIP: Jenkinsville, SC 29065
COUNTY: Fairfield

C - PLANT

Plant ID	Type of Plant	Plant & Equipment Description	Control Device Description
01	Central Mix	240 yd ³ /hr Concrete Batch Plant equipped with an integral C&W RA-200 Central Dust Collector	None
		Weigh Hopper	None
		Mixer	None
02	Central Mix	240 yd ³ /hr Concrete Batch Plant equipped with an integral C&W RA-200 Central Dust Collector	None
		Weigh Hopper	None
		Mixer	None

D - SILOS

Silo ID	Silo Description	Control Device/Binvent Description	Plant ID
CS1	Cement/Cement Supplement Silo #1 (Split)	C&W RA-200 Central Dust Collector	01
CS2	Cement/Cement Supplement Silo #2 (Split)	C&W RA-200 Central Dust Collector	02

E - TANKS

Tank ID	Tank Description	Capacity (Gallons)
T1	Diesel Fuel Storage Tank (Plant 1)	2,000
T2	Admixture Tank #1 (Plant 1)	1,500
T3	Admixture Tank #2 (Plant 1)	1,500
T4	Admixture Tank #3 (Plant 1)	1,500
T5	Admixture Tank #4 (Plant 1)	1,500
T6	Admixture Tank #5 (Plant 1)	1,500
T7	Admixture Tank #6 (Plant 1)	1,500

ATTACHMENT A

Facility Information

Virgil C. Summer Nuclear Station

GSOP-1000-0036

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E - TANKS

Tank ID	Tank Description	Capacity (Gallons)
T8	2,000-gallon Diesel Fuel Storage Tank (Plant 2)	2,000
T9	Admixture Tank #1 (Plant 2)	1,500
T10	Admixture Tank #2 (Plant 2)	1,500
T11	Admixture Tank #3 (Plant 2)	1,500
T12	Admixture Tank #4 (Plant 2)	1,500
T13	Admixture Tank #5 (Plant 2)	1,500
T14	Admixture Tank #6 (Plant 2)	1,500

F - OTHER EQUIPMENT

Equipment ID	Equipment Description
G1	1,000 kW Emergency Diesel Generator (Plant 1)
G2	1,000 kW Emergency Diesel Generator (Plant 2)

G - FACILITY SPECIFIC CONDITIONS - RESERVED

RECORD OF REVISIONS	
Revision Date	Description of Change
01-30-2015	Update Attachment B
03-05-2015	Updated Physical address and Mailing Address

ATTACHMENT B

Emission Rates for Ambient Air Standards

Virgil C. Summer Nuclear Station

GSOP-1000-0036

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The emission rates listed herein are not considered enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS - STANDARD 2				
Emission Point ID	Emission Rates (lbs/hr)			
	PM ₁₀	SO ₂	NO _x	CO
CONVTRN1	0.91	--	--	--
CONVTRN2	0.91	--	--	--
FILTER1	0.39	--	--	--
FILTER2	0.39	--	--	--
GRNDTRN1	0.91	--	--	--
GRNDTRN2	0.91	--	--	--
SILOTRN1	0.91	--	--	--
SILOTRN2	0.91	--	--	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS Number	Facility Wide Emission Rates (lbs/day)
Arsenic	7440-38-2	0.0005
Beryllium	7440-41-7	0.00004
Cadmium	7440-43-9	0.000004
Chromium	--	0.001
Manganese	--	0.013
Nickel	7440-02-0	0.002
Phosphorus	7723-14-0	0.005
Selenium	--	0.00003