



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone 304/926-0475

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.wvdep.gov

February 7, 2017

Jeffrey Smith
Charleston Field Office Manager (Acting)
300 Virginia St. E, Room 1620
Charleston, WV 25301

RE: Approved Registration G60-C091
General Services Administration
Needy Road Federal Building
Plant ID No. 003-00155

Dear Mr. Smith:

The Director has determined that the submitted Registration Application and proposed construction and operation of four emergency generators demonstrates eligibility and compliance with the requirements, provisions, standards and conditions of General Permit G60-C and hereby grants General Permit registration authorizing the proposed activity.

Please be aware of the actions required in Section 2.18 (Notification Requirements), Section 4.2 (Recordkeeping Requirements), and Section 3.6.5 (Air Quality Management Fee Program and Certificate to Operate).

Should you have any questions, please contact the undersigned engineer at (304)926-0499 ext. 1211.

Sincerely,

William T. Rothwell II, P.E.
Engineer

Enclosures: General Permit Registration G60-C091
General Permit G60-C

cc: Chris Kerlish

Facility Location: Martinsburg, Berkeley County, West Virginia
Mailing Address: 244 Needy Road, Martinsburg, WV 25405
Facility Description: Public Order and Safety
SIC Codes: 9229
UTM Coordinates: 279.2 km Easting • 4,347.7 km Northing • Zone 17
Registration Type: Construction
Description of Change: General permit for four (4) diesel-fueled, emergency generator engines

Subject to 40CFR60 Subpart IIII? **No**, Certified? **No**
Subject to 40CFR60 Subpart JJJJ? **No**

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

The source is not subject to 45CSR30.

All registered facilities under Class II General Permit G60-C are subject to Sections 1.0, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G60-C apply to the registrant:

- Section 5 Reciprocating Internal Combustion Engines (R.I.C.E.)
- Section 6 Tanks
- Section 7 Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII)
- Section 8 Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)

Emission Units

Emission Unit ID	Emission Unit Description	Detail Make/Model Fuel/Throughput	Year Installed/ Modified	Design Capacity	Year Manufactured
EG-1	Emergency Generator #1	Caterpillar, 3512, 2FO / 78.19 gph	1989	1,100 kW 1,592 bhp	1989
EG-2	Emergency Generator #2	Caterpillar, 3512, 2FO / 89.7 gph	1993	1,252 kW 1,818 bhp	1993
EG-3	Emergency Generator #3	Caterpillar, 3512B, 2FO / 106.1 gph	2000	1,500 kW 2,172 bhp	2000
EG-4	Emergency Generator #4	Caterpillar, 3512B, 2FO / 106.1 gph	2006	1,500 kW 2,172 bhp	2006

Reciprocating Internal Combustion Engines (R.I.C.E.) Information

Emission Unit ID	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 5.1.4/5.2.1 (Catalytic Reduction Device)
EG-1	No	No	No
EG-2	No	No	No
EG-3	No	No	No
EG-4	No	No	No

Emission Limitations

Source ID No.	Potential Emissions (lbs/hr)					Potential Emissions (tons/yr)				
	NOx	CO	VOC	SO ₂	PM ₁₀	NOx	CO	VOC	SO ₂	PM ₁₀
EG-1	35.66	9.47	0.91	0.02	0.64	8.92	2.37	0.23	0.01	0.16
EG-2	40.72	10.82	1.04	0.02	0.73	10.18	2.70	0.26	0.01	0.18
EG-3	48.65	12.92	1.25	0.02	0.87	12.16	3.23	0.31	0.01	0.22
EG-4	48.65	12.92	1.25	0.02	0.87	12.16	3.23	0.31	0.01	0.22
TOTAL	173.68	46.13	4.45	0.08	3.11	43.42	11.53	1.11	0.04	0.78