



Larry Frost
Solid Waste Section
Division of Waste Management

RE: Assured Waste Solutions
Permit Number 3615
Addition of Emergency Back-up Generator

Permit No.	Scan Date	DIN
3615-TP-2012	July 3, 2013	19218

RECEIVED
July 2, 2013
Solid Waste Section
Asheville Regional Office

Mr. Frost,

This is to notify you and the Department that Assured Waste Solutions will be adding an emergency back-up generator system to our permitted facility located at 148 Boxwood Lane, Gastonia North Carolina 28054.

The system, planned to be installed during July of this year, will consist of:

- 60 KW 3 phase Natural Gas fired Generator
- Dual Breaker Automatic Switching Gear
- Associated plumbing and wiring

The generator will be installed outside, on a new concrete slab, just to the west of the existing building, with the automatic switching gear wall mounted on the inside of the west wall adjacent to the existing 3 phase load center.

In the event of a power outage, the System will automatically engage and power the single phase loads, via the existing voltage transformer, throughout the plant and offices including critical systems such as:

- Office lighting and outlets
- Security and camera systems
- Computer servers, workstations and access points
- Plant exit and emergency lighting
- Office and Plant HVAC systems
- Plant refrigerated storage

The System will not power the VariClave processors or the steam boiler. The VariClave systems are individually provided with individual UPS systems which permit the installed software to recognize a power failure and automatically shut down to a safe condition. The VariClave software notifies the operator of the power failure by an on screen alarm and instructs the operator to reprocess the unfinished load once power is restored.

We are pleased to be adding this this system and for the extra level of confidence it gives us for the safety and security for our employees and the facility in the event of any extended power outage.

Sincerely,

Mary McIntosh
Mary McIntosh
Plant Manager