TENNESSEE AIR POLLUTION CONTROL BOARD
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-1531

Permit to Construct or Modify an Air Contaminant Source Issued Pursuant to Tennessee Air Quality Act

Date Issued: AUG 30 2010

Permit Number:
963694P

Date Expires: August 1, 2011

Issued To:
US Cellular

Installation Address:
252 Old Harriman Highway
Harriman

Installation Description:
Diesel fueled emergency power generator
with 37 kW engine

Emission Source Reference No.
73-0221-01
NSPS, BACT
40 CFR Part 60 Subpart IIII

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

CONDITIONS:

1. The application that was utilized in the preparation of this permit is dated April 30, 2010, and signed by Mr. John Glatz, Director Real Estate Services of the permitted facility. If this person terminates employment or is reassigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

(Conditions continued on next page)

Barry R. Stephens
TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

2. The issuance of this permit allows the permittee to construct an emission source in a particulate matter ($PM_{2.5}$) nonattainment area. Pursuant to TAPCR 1200-03-09-.01(5)(b)2.(ii), the permittee shall utilize Best Available Control Technology (BACT) for particulate matter ($PM_{2.5}$), as specified by the Technical Secretary. **Conditions 3, 4, 5, and 7** specify limitations that shall constitute BACT for particulate matter ($PM_{2.5}$).

3. The maximum heat input capacity for the generator shall not exceed 602,000 British Thermal Units per hour (0.60 MMBtu/hr). TAPCR 1200-03-07-.07(2).

4. Operating time for non-emergency operation for this source shall not exceed 100 hours per calendar year. TAPCR 1200-03-09-.03(8) and 40 CFR 60 Subpart IIII.

5. Only No. 2 diesel fuel shall be used as fuel for this source. TAPCR 1200-03-07-.07(2).

6. The sulfur content of the No. 2 diesel fuel shall not exceed 500 parts per million (ppm) maximum (0.05 percent by weight). Records of fuel oil sulfur content per batch or vendor certification shall be maintained at the source. 40 CFR 80.510(a)

7. Particulate matter (TSP) emitted from this source shall not exceed 0.03 pound per hour. TAPCR 1200-03-09-.03(8) and 40 CFR 60.4205(b).

8. Sulfur dioxide (SO_2) emitted from this source shall not exceed 0.10 pound per hour. TAPCR 1200-03-14-.03(5).

9. Carbon monoxide (CO) emitted from this source shall not exceed 0.41 pound per hour. TAPCR 1200-03-09-.03(8) and 40 CFR 60.4205(b).

10. Volatile organic compounds (VOCs) emitted from this source shall not exceed 0.38 pound per hour. TAPCR 1200-03-09-.03(8) and 40 CFR 60.4205(b).

11. Nitrogen oxides (NO_X) emitted from this source shall not exceed 0.38 pound per hour. TAPCR 1200-03-09-.03(8) and 40 CFR 60.4205(b).

12. Compliance with the emission limits in **Conditions 7, 8, 9, 10 and 11** is based on compliance with **Conditions 3 and 5** of this permit; 40 CFR Part 89 limitations; and AP-42, Chapter 3, Section 3, emission factors.

13. The generator shall be equipped with a non-resettable hour meter prior to startup of the engine. TAPCR 1200-03-09-.03(8) and 40 CFR 60 Subpart IIII.

14. Visible emissions from this source shall not exhibit greater than twenty percent (20%) opacity except for one six-minute period per one (1) hour or more than twenty four (24) minutes in any twenty four (24) hours. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). TAPCR 1200-03-05-.01(1) and TAPCR 1200-03-05-.03(6).

15. The permittee shall keep a log of the number of operating hours for each month and each twelve (12) consecutive month interval at this source, in a form that readily provides the information required in the following table and shows compliance with **Condition 4**. All data, including all required calculations, must be entered in the log no later than thirty (30) days from the end of the month for which the data is required. The permittee shall retain this record at the source location for a period of not less than two (2) years and keep this record available for inspection by the Technical Secretary or their representative. TAPCR 1200-03-10-.02(2)(a).

Conditions continued on next page

MONTHLY/YEARLY LOG: Source 73-0221-01

Year:					
Month	Hours Per Month	Hours Per 12 Consecutive Months	Month	Hours Per Month	Hours Per 12 Consecutive Months
January			July		
February			August		
March			September		
April			October		
May			November		
June			December		

The "Hours per 12 consecutive months" values are the sum of the hours in the 11 months preceding the month just completed + the hours in the month just completed. If data is not available for the 11 months preceding the initial use of this table, this value will be equal to the hours per month. For the second month it will be the sum of the first month and the second month. Indicate in parentheses the number of months summed [i.e., 3 (2) represents 3 hours operated in 2 months].

16. This permit is valid only at this location. TAPCR 1200-03-09-.03(6).

17. This permit shall serve as a temporary operating permit from the date of issuance to the receipt of a standard operating permit, provided that an application for an operating permit is submitted to the Division at least sixty (60) days prior to the expiration of this permit and that the conditions of this permit and any applicable emission standards are met.

End of Conditions