

LaSalle Environmental Audit – Audit Needs Question

Index #: 003 **RAI #:** MA-03 **Category:** Meteorology, Air Qual, & Noise

Statement of Question:

Describe and identify the small engines (less than 600 horsepower) included in the HAP emission calculations and that are exempt from air permitting requirements. Provide a description of the frequency of use of these small engines.

Response:

Table 1, below, lists the small engines (less than 600 horsepower) included in HAP emission calculations for LSCS. All of the listed small engines provide power for generators or pumps during emergency circumstances. Unless an emergency arises, they are operated only for short periods during routine surveillance and testing, which occurs at a frequency (e.g., quarterly, semi-annually) established by plant procedures for each engine. Exelon Nuclear began tracking fuel use data (i.e., amount purchased) for small engines in 2012. These data are used for calculating HAP emissions.

Table 1
LSCS Stationary Small Engines

Diesel Fire Pump “A”
Diesel Fire Pump “B”
Technical Support Center Diesel Generator
Security Diesel Generator
B.5.b Emergency Diesel Pump
FLEX Emergency Diesel Hale Pump (0FF30A)
FLEX Emergency Diesel Hale Pump (0FF30B)
FLEX Emergency Diesel Pump #2 (HL130)
FLEX Emergency Diesel Pump #3 (HL130)
South Service Building Emergency Diesel Generator

List of Attachments:

None.