Appendix ICE, Requirements for Internal Combustion Engines

Florida Gas Transmission Company
Compressor Station Number 17

REVISED DRAFT/PROPOSED Permit Number: 0830070-007-AV
Facility ID Number: 0830070

This Title V facility contains a stationary internal combustion engine (shown with an EU ID of "N/A" below) that have been exempted from the requirements to obtain an air construction permit because it qualifies for one of the categorical exemptions listed in Rule 62-210.300(3)(a), F.A.C. However, it is included in this appendix because it is subject to 40 CFR Part 63 Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. All of the engines listed below are "affected units" as defined in Subpart ZZZZ, but they are not subject to any specific requirements in Subpart ZZZZ or 40 CFR Part 60 Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines. These existing engines were constructed before the June 12, 2006 applicability date for Subpart JJJJ and the applicability dates in Subpart ZZZZ for new engines. Stationary reciprocating internal combustion engines constructed after the applicability dates will be subject to the respective requirements.

EU ID	Engine Description	In-Service Date	Cylinder Displacement	Rated Horsepower	Rule Applicability
N/A	Natural gas-fired emergency generator 4SLB Waukesha Model H24GL	Before 6/2006	< 10 L	585	ZZZZ Affected Unit
001	Natural gas-fired compressor engine 4SLB Cooper-Bessemer Model LS-8-SG	1966	> 10 L	2,000	ZZZZ Affected Unit
002	Natural gas-fired compressor engine 4SLB Cooper-Bessemer Model LS-8-SG	1966	> 10 L	2,000	ZZZZ Affected Unit
003	Natural gas-fired compressor engine 4SLB Cooper-Bessemer Model LS-8-SG	1966	> 10 L	2,000	ZZZZ Affected Unit
004	Natural gas-fired compressor engine 4SLB Cooper-Bessemer Model LS-8-SG	1966	> 10 L	2,000	ZZZZ Affected Unit
005	Natural gas-fired compressor engine 4SLB Cooper-Bessemer Model LS-8-SG	1991	> 10 L	2,400	ZZZZ Affected Unit

4SLB = 4 Stroke Lean Burn

From Subpart ZZZZ, Section 63.6590 (3) and (3)(ii) – the following stationary RICE do not have to meet the requirements of this subpart and of subpart A of this part, including initial notification requirements: (ii) Existing spark ignition 4 stroke lean burn (4SLB) stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions.