STATEMENT OF BASIS

Title V Air Operation Permit Revision
Final Permit No. 010310213-024-AV
Revision of Title V Operation Permit No. 0310213-023-AV

APPLICANT

The applicant for this project is the Department of the Navy, Naval Station, Mayport. The applicant's responsible official and mailing address are: Captain R. W. McCall, Naval Station, Mayport, P.O. Box 280067, Jacksonville, Florida 32228-0067.

FACILITY DESCRIPTION

The Department of the Navy operates Naval Station, Mayport as the homeport for surface combat ships and various support ships. Air pollution sources located at the base include both gas fired as well as fuel oil fired boilers and water heaters, emergency generators, miscellaneous fuel storage tanks, cold solvent degreasers, engine test stands, abrasive blasting operations, various surface coating operations (paint booths, open air painting, and ship painting) associated with infrastructure as well as with aircraft and ship maintenance.

The primary mission of the Naval Station, Mayport is to "sustain and enhance war fighter efforts" by providing the training of various Navy personnel. Of the several entities at the naval station, Naval Station, Mayport and the Naval Engineering Command Southeast (NAVFAC SE) are responsible for most of the permanent operations. NAVFAC SE is responsible for the operation and maintenance of their various boilers, emergency generators and associated fuel tanks; Naval Station, Mayport is responsible for the other equipment operations, including the activities of the Southeast Regional Maintenance Center (SERMC) and the various on-site contractors.

PROJECT DESCRIPTION

The purpose of this permit is to revise the Title V air operation permit for the above referenced facility, to incorporate the addition of three (3) emergency engines to EU038 Emergency Diesel Engine Generators (constructed after June 12, 2006).

Also, the following changes were made to Title V Air Operation Permit No. 0310213-023-AV:

Emergency Generator Diesel Engine ID	Manufacturer	Date Manufactured	HP	Location
IC032	John Deere	8/23/2006	80.43	Housing Office
IC023	Cummins	11/15/2007	145	Old Building 2
IC044	Cummins	10/14/2008	145	Ground Control
IC045	Cummins	1/1/2009	250	E-Pier
IC046	Diesel	1/1/2011	418.23	Fire Station
IC047	Kohler	2013	125	Building 2482
IC048	Marathon Electric	2013	287	Building 1607
IC049	Marathon Electric	2012	600	Building 1391

STATEMENT OF BASIS

PRIMARY REGULATORY REQUIREMENTS

Naval Station, Mayport is classified as a Title V source because potential emissions of one or more individual criteria pollutants is equal to or greater than 100 tons per year in accordance with Chapter 62-210, FAC, and Rule 2.301 JEPB. Based on the Title V Operation Permit Revision Application received May 17, 2013, this facility is a synthetic Non-Title V source of hazardous air pollutants (HAPs) because the potential emissions of any single HAP is limited to less than 10 tons per year and the potential emissions of total HAPs is limited to less than 25 tons per year in accordance with Chapter 62-210, FAC, and Rule 2.301 JEPB.

Based on the Title V Operation Permit Revision Application received June 6, 2014, this facility is a synthetic minor source of hazardous air pollutants (HAPs).

MACT: Emission Unit No. 038 is subject to 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

NSPS: Emission Unit No. 038 is subject to 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines and 40 CFR 60, Subpart A, General Provisions.

PSD: The facility **is not** a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

CONCLUSION

This project revises Title V Air Operation Permit No. 0310213-023-AV, which was issued on November 12, 2013. This Title V Air Operation Permit Revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210 and 62-213, Florida Administrative Code (F.A.C.). In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility as shown on the application and approved drawing(s), plans, and other documents on file with the Permitting Authority.