PERMITTEE

Walt Disney Parks and Resorts U.S. Inc.
1375 Buena Vista Drive
Lake Buena Vista, Florida 32830

Authorized Representative:
Lee Schmudde, Vice President

Permit No. 0950111-033-AC/PSD-FL-109A
Minor Air Construction Permit
Walt Disney World Resort Complex
Revision to emission limits

PROJECT

This is the final air construction permits, which revises Permits No. AC48-105243 (Gen-1) and AC48-106650 (Gen-2) (together under PSD-FL-109) for the following items: The two construction permits are revised to remove the emission limits for pollutants which did not trigger PSD. Walt Disney World Complex is a Parks and Resorts complex categorized under Standard Industrial Classification No. 7996 - Amusements and Recreation Services and secondary SIC No. 4911 for the power plant. The existing facility is located in Orange and Osceola Counties with address of 1375 Buena Vista Drive, Lake Buena Vista, Florida. The UTM coordinates are Zone 17, 449.70 km East and 3138.00 km North.

This final permit is organized into the following sections: Section 1 (General Information) and Section 2 (Permit Revisions). As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality. A copy of this permit modification shall be filed with the referenced permit and shall become part of the permit.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

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Jeffery F. Koerner, Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management

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CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit Revision) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on the date indicated below to the following persons.

Lee Schmudde, RO, Walt Disney World Company: lee.schmudde@disney.com
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Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

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FACILITY DESCRIPTION

The existing facility is a Theme Parks and Resorts facility, which is located at 1375 Buena Vista Drive, partly in Orange and Osceola Counties. It consists of the following emissions units and activities: a complex of hotels, theme parks and support facilities; and, a utility including onsite electrical power generation and water and wastewater facilities. The various air pollution sources are boilers, a combined cycle combustion turbine with a natural gas-fired heat recovery steam generator, paint spray booths and associated operations, external combustion (thermal) oil heaters and hot water heaters, a dry cleaning facility and reciprocating internal combustion engine (RICE) powered generators and pumps.

Facility Regulatory Classification

- The facility is a major source of hazardous air pollutants (HAP).
- The facility operates units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility operates units subject to the Clean Air Interstate Rule (CAIR).
- The facility is a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

PROPOSED PROJECT

In conjunction with the Title V permit renewal, this AC permit revision removes the construction permit limits for four pollutants: CO, VOC, SO_2 and PM, on two diesel-powered 2.5 Megawatt (MW) generators (EU079 and EU080) that serve the EPCOT complex. Emission limits were placed in the original construction permits for these four pollutants although PSD was only triggered (and BACT was determined) for NO_X in that project. The limits for the four pollutants that did not trigger PSD review were apparently based on information from a similar size diesel engine (based on test data from GM Electromotive Division dated 4/24/85) that had been tested. No compliance testing has been required over the years for the four affected pollutants although stack testing for NO_X was required in the construction permits since this pollutant was subject to BACT. There are no state or federal rules applicable to these older engines that impose limits on the four affected pollutants in this action.

These two diesel engines (approximately 3,600 hp each) are required to be retrofit with oxidation catalyst controls in order to meet emission limits for hazardous air pollutants in 40 CFR 63 Subpart ZZZZ by May 3, 2013. Once the oxidation catalyst is operational, the emissions rates from most of these criteria pollutants along with the hazardous air pollutants (HAP), will be reduced significantly from their current uncontrolled levels. The limits for CO, VOC, SO_2, and PM are removed as shown below.

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1. Other Permits. This permit does not authorize any new construction. Except as shown below, all previously established requirements remain in effect and unchanged by this permitting action.

2. Revisions. The following permit conditions are revised as indicated. Double underline is used to denote additions. ~~Strikethrough~~ is used to denote the deletion of text. All changes are emphasized with yellow highlight.

Permits Being Modified: Permits No. AC48-105243 (Diesel Generator-1) and AC48-106650(Diesel Generator-2), both included in (PSD-FL-109)

Affected Emissions Units: EU-079 (EPCOT DG-1) and EU-080 (EPCOT DG-2)

Specific Condition 2 (for each permit): This condition is revised as follows:

Emissions ~~rates~~ of nitrogen oxides (NO_X) shall not exceed:

	Max. Allowable Rate lb/hr	~~*Actual Emissions tons/yr*~~
~~Particulate Matter~~	~~10.0~~	~~9.5~~
~~Sulfur Dioxide~~	~~14.5~~	~~14.0~~
Nitrogen Oxides	126.0	~~126.0~~
~~Carbon Monoxide~~	~~02.9~~	~~2.8~~
~~Volatile Organic Compound~~	~~2.1~~	~~2.0~~

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