



Walt Disney World Co.

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BUREAU OF
AIR REGULATION

September 30, 1997

Mr. Bruce Mitchell
Florida Department of
Environmental Protection
2600 Blair Stone Rd. MS 5505
Tallahassee, Florida 32399-2400

RE: Perchloroethylene dry cleaning system
Compliance Plan

Dear Mr. Mitchell:

This letter is in response to your request for a Compliance Plan and a Statement of Compliance regarding the above referenced emissions unit. The following points enumerate the facts surrounding the compliance situation for the dry cleaning facility and constitute the Compliance Plan:

- A construction permit application was submitted to the Central District Department of Environmental Protection (FDEP) office on July 17, 1997, to address changes in the operation and equipment at the Walt Disney World dry cleaning facility, and to remove obsolete permit conditions that are no longer applicable to its operation. As an aside, the new potential-to-emit has been reduced from 1.5 tons to 0.5 tons of Perchloroethylene (PERC) per year.
- The public notice for the intent to issue will be submitted some time before the end of calendar year 1997. The Central District has until December 2, 1997 to issue a draft permit for the emissions unit. Once the construction permit has been issued, a revision will be applied for to the Title V operating permit.
- Enclosed is the updated Statement of Compliance for the Walt Disney World facility, signed by Vice President Lee Schumde, who is the Title V Responsible Official for this facility.



Bruce Mitchell
 Page 2
 September 30, 1997

- The following table lists the applicable sections of the NESHAP Part 63 Subpart M and clarifies whether the unit is currently in compliance.

Applicable Section	Description	In Compliance		Comment
		Yes	No	
§ 63.320 (a)	Applies to PERC dry cleaning facilities	✓		
§ 63.320 (b)	Provides compliance dates for units built after December 9, 1991	✓		
§ 63.320 (c)	Provides compliance dates for units built before December 9, 1991			N/A
§ 63.320 (d)	Applies standards to dry-to-dry facilities using less than 140 gal PERC/yr			N/A
§ 63.320 (e)	Applies standards to transfer facilities using less than 200 gal PERC/yr			N/A
§ 63.320 (f)	Sets compliance dates for facilities that now exceed (d) or (e)			N/A
§ 63.320 (g)	Designation as Major Source if PTE is greater than 10 tpy or			N/A
§ 63.320 (g)(1)	Designation as Major Source if PERC consumption is greater than 2,100 gallons in exclusive dry-to-dry facility or	✓		
§ 63.320 (g)(2)	Designation as Major Source if PERC consumption is greater than 1,800 gallons for mixed facilities			N/A
§ 63.320 (h)	Area source designation			N/A
§ 63.320 (i)	Designation as major source if PERC consumption increases			N/A
§ 63.320 (j)	Coin-operated machine exemption			N/A
§ 63.320 (k)	Title V permitting requirements	✓		
§ 63.321	Definitions			N/A
§ 63.322 (a)	Requires compliance with (a)(1) or (a)(2) and (a)(3) of this section	✓		
§ 63.322 (a)(1)	Specifies the use of a refrigerated condenser or equivalent	✓		
§ 63.322 (a)(2)	Specifies the use of a carbon adsorber	✓		
§ 63.322 (a)(3)	Describes transfer system room enclosure specifications			N/A
§ 63.322 (b)	Specifications for new dry cleaning systems			N/A
§ 63.322 (b)(1)	Specifies the use of a refrigerated condenser or equivalent			N/A
§ 63.322 (b)(2)	Elimination of emissions from transfer of articles between washers and dryers			N/A
§ 63.322 (b)(3)	Specifies the use of a carbon adsorber			N/A
§ 63.322 (c)	Machine doors must be kept closed immediately following removal of articles and at all other times	✓		
§ 63.322 (d)	Operation of machines must be according to manufacturer's recommendations	✓		
§ 63.322 (e)(1)	Refrigerated condenser must be operated as to not vent vapors to the atmosphere while drum is rotating	✓		
§ 63.322 (e)(2)	Refrigerated condenser must be monitored in accordance with § 63.323(a)(1)	✓		
§ 63.322 (e)(3)	Refrigerated condenser shall be operated with a diverter valve which prevents air drawn in through the open doors from passing through the condenser.	✓		
§ 63.322 (f)	Requirements for refrigerated condensers for purposes of complying with (a) of this section.	✓		
§ 63.322 (f)(1)	Prohibits venting of PERC gas vapors to atmosphere until washer door is opened	✓		
§ 63.322 (f)(2)	Requires monitoring according to § 63.323(a)(2)	✓		
§ 63.322 (f)(3)	Prohibits use of same condenser coil for a washer that is used by other systems			N/A



Bruce Mitchell
 Page 3
 September 30, 1997

§ 63.322 (g)(1)	Carbon adsorber may not be bypassed to allow release of PERC-laden air to the atmosphere	✓		
§ 63.322 (g)(2)	Carbon adsorber must be monitored in accordance with § 63.323(b) or (c)	✓		
§ 63.322 (h)	Room enclosure requirements for compliance with (a)(3) of this section			N/A
§ 63.322 (h)(1)	Specifies venting of all air in room through carbon adsorber or equivalent			N/A
§ 63.322 (h)(2)	Requires a different carbon adsorber from one used to comply with (a)(2) or (b)(3)			N/A
§ 63.322 (i)	Requires 24 hour drain time for adsorber cartridges before removal			N/A
§ 63.322 (j)	PERC and wastes must be stored in containers with no perceptible leaks	✓		
§ 63.322 (k)(1)-(11)	Weekly inspections must be performed for all major system components	✓		
§ 63.322 (l)	Biweekly inspections of major components for small facilities			N/A
§ 63.322 (m)	Leak repair schedule	✓		
§ 63.322 (n)	Action schedule based on monitoring results from § 63.323 (a), (b), or (c)	✓		
§ 63.323 (a)	Defines applicability to following monitoring requirements if refrigerated condenser is used to comply with § 63.322 (a) or (b)	✓		
§ 63.323 (a)(1)	Outlet side temperature must be measured to determine that it is below 45° F. The sensor must be operated according to manufacturer's instructions, accurate to ± 20 °F.	✓		
§ 63.323 (a)(2)	Temperature difference calculations must be made between the inlet and outlet gas streams of the condenser.	✓		
§ 63.323 (a)(2)(i)	Temp. sensor range from 32 to 120 °F and accurate to ± 2 °F	✓		
§ 63.323 (a)(2)(ii)	Temp. difference calculations must be made weekly	✓		
§ 63.323 (b)	Carbon adsorber exhaust must be =< 100ppm PERC	✓		
§ 63.323 (b)(1)	Colorimetric detector tubes are to be used that have an accuracy of ± 25 ppm	✓		
§ 63.323 (b)(2)	Tubes must be used according to manufacturer's instructions	✓		
§ 63.323 (b)(3)	Provide a sampling port such that it is at least 8 stack diameters downstream from bends, etc. and at least 2 stack diameters upstream from bends, etc.	✓		
§ 63.323 (c)	If carbon adsorber is used for compliance with § 63.322 (b)(3), drum must be =< 300ppm PERC	✓		
§ 63.323 (c)(1)	Colorimetric detector tubes are to be used that have an accuracy of ± 75 ppm	✓		
§ 63.323 (c)(2)	Tubes must be used according to manufacturer's instructions	✓		
§ 63.323 (c)(3)	Conduct weekly monitoring	✓		
§ 63.323 (d)	PERC consumption calculations must be made at the beginning of each month	✓		
§ 63.323 (d)(1)	Sum all the volumes of the previous 12 months	✓		
§ 63.323 (d)(2)	If no PERC purchases were made, sum = 0 gallons	✓		
§ 63.323 (d)(3)	Total sum of paragraph (d) of this section is the yearly PERC consumption	✓		
§ 63.324	By June 18, 1994 the following must be provided:	✓		
§ 63.324 (a)(1)-(6)	Facility owner, address, description of dry cleaning machines, PERC consumption documentation, description of control devices, demonstration of compliance with § 63.322 (a)(3)	✓		
§ 63.324 (b)	By July 18, 1994 the following must be provided, signed by a responsible official:	✓		
§ 63.324 (b)(1)	Yearly PERC solvent consumption	✓		
§ 63.324 (b)(1)	Compliance certification with § 63.322	✓		
§ 63.324 (b)(1)	Testament to accuracy and truth of above statements	✓		



Bruce Mitchell
Page 4
September 30, 1997

§ 63.324 (c)	Applicable to former area sources that now exceed are source thresholds:			N/A
§ 63.324 (c)(1)	New PERC consumption limit			N/A
§ 63.324 (c)(2)	Compliance certification with § 63.322			N/A
§ 63.324 (c)(3)	Testament to accuracy and truth of above statements			N/A
§ 63.324 (d)	Maintain PERC purchase records for a minimum of five years including:	✓		
§ 63.324 (d)(1)	Volume PERC purchased each month	✓		
§ 63.324 (d)(2)	Calculations of yearly PERC consumption	✓		
§ 63.324 (d)(3)	Leak inspection dates and leak inspection results	✓		
§ 63.324 (d)(4)	Repair dates and records resulting from leak inspections	✓		
§ 63.324 (d)(5)	Temperature sensor monitoring results and dates	✓		
§ 63.324 (d)(6)	Colorimetric tube monitoring results and dates	✓		
§ 63.324 (e)	Maintain design specifications and operating instructions onsite	✓		
§ 63.325	Equivalent control technology requirements			N/A

If you have any questions or need any further information, please call me at (407) 827-4524.

Sincerely,

Rich Bumar
Environmental Control Representative
Environmental Control

By Certified Mail

cc: Bob Beaver
Roger Horne
Mike Morrow
Armando Rodriguez
Lee Schmutde

COMPLIANCE CERTIFICATION

1. Proposed Schedule for the Submission of Periodic Compliance Statements Throughout the Permit Term.

Periodic Compliance Statements are proposed to be submitted on an annual basis, consistent with FDEP Rule 62-213.440(3)(b), F.A.C.

2. Compliance Certification

I, the undersigned, am the responsible official as defined in Chapter 62-210.200, F.A.C., of the Title V source for which this report is being submitted. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made and data contained in this report are true, accurate, and complete.



Signature

Lee G. Schudde

9-29-97

Date

CERTIFIED



Disney

WALT DISNEY World Co.

Z 397 983 301

MAIL

P.O. Box 10,000
Lake Buena Vista, Florida 32830-1000

**RETURN RECEIPT
REQUESTED**

A

Mr. Bruce Mitchell
Florida Department of
Environmental Protection
2600 Blair Stone Rd. MS 5505
Tallahassee, Florida 32399-2400

323992400



WALT DISNEY World Co.



September 29, 1997

Mr. Scott Shepiak
Florida Department of Environmental Protection
Air Permitting and Standards
2600 Blair Stone Road MS 5505
Tallahassee, Florida 32399-2400

Re: Redesignation of Title V Responsible Official

Dear Mr. Sheplak:

Lee Schmudde, Vice President, is hereby designated as the Title V Responsible Official, as defined in Rule 62-210.200, F.A.C. Mr. Schmudde will be handling all of the Title V permitting issues for Walt Disney World in the future. Please remove my name as the Title V Responsible Official.

Sincerely,

A handwritten signature in cursive script that reads 'William A. O'Toole'.

William A. O'Toole
Senior Vice President

WAO:bk

By Certified Mail

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OCT 06 1997

BUREAU OF
AIR REGULATION

Mailing Address: Post Office Box 10,000 / Lake Buena Vista, Florida 32830-1000
1375 Buena Vista Drive / Lake Buena Vista, Florida 32830

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Walt Disney World Co.

November 13, 1997

Mr. Bruce Mitchell
Florida Department of
Environmental Protection
2600 Blair Stone Rd., MS 5505
Tallahassee, Florida 32399-2400

RE: Proposed Title V permit changes
Walt Disney World (WDW) Resort Complex, Facility ID 0950111

Dear Mr. Mitchell:

Enclosed is the draft Title V permit with the changes, questions, and comments for the WDW facility.

If you have any questions or need any further information, please call me at (407) 828-1723 or contact Rich Bumar at (407) 827-4524.

Sincerely,

Lee Schudde
Vice President
Walt Disney World Co. Title V Responsible Official

By Fedex

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Walt Disney World Co. Title V draft permit proposed changes: list of comments

Comment Number	Page Numbers	Original Condition Numbers Affected	Explanation of comment
1	all, except i	N/A	Walt Disney World Co. is the legal name of the company
2	cover	N/A	The Walt Disney World Resort Complex extends into Osceola county through the All Star Resort.
3	2	N/A	Clarifies the description of the facility
4	2	N/A	Descriptions of the two emissions units were reversed
5	4	N/A	The Epcot CEP and the MK CEP are a part of the Reedy Creek Improvement District's properties.
6	5	N/A	These labels are provided for clarification.
7	6,29-31, 33,47,49-53	2, B.1, B.3-5, B.10, B.18-19, B.21, E.1-6, E.8, E.13-14	The All Star Resort is in Osceola County and the permits have AC49 prefixes. These comments correct permit county prefixes for AC49-236247 and AC49-254323.
8	7, 44, 55, 61	12, D.14, E.25, F.21	Discharge of liquid effluents are covered in a limited number of Walt Disney World Co. permits. Therefore, it is requested that the requirement be moved to the emissions unit sections to which they currently apply.
9	7, 44, 55, 61	13,D.15, E.26, F.22	The language "This permit does not preclude compliance with any applicable local program permitting requirements and regulations." is covered in a limited number of Walt Disney World Co. permits. Therefore, it is requested that the requirement be moved to the emissions unit sections to which they currently apply.
10	8	N/A	Clarifies the description of the method of inlet air conditioning.
11	8	N/A	Clarifies the operational mode of the black start generator.
12	9	A.3	Changed to correct the misquote of 40 CFR 60.14(a).
13	9	A.4	Changes the verbiage to reflect what is in 0950111-001-AC.
14	10	A.9	See Specific Condition 5, Footnote 3 of 0950111-002-AC that specifically defines the averaging methods for NO _x emissions from the facility. It calls for a rolling 12-month average, using monthly averages for the turbine and duct burner combined. Therefore, we believe the Specific Condition supercedes the SubPart Db(i) requirement.
15	11, 26	A.18-19	Corrects typographical and/or spelling errors
16	12	A.25	The issue of fuel bound nitrogen has been deemed not applicable in previous permits to the combustion of natural gas.
17	19	A.53	The calendar year annual average fuel oil heating rate and higher heating value of #2 fuel oil purchased for the permittee's bulk fuel oil storage facility has historically been the method of compliance determination for the heat input limitation.
18	20	A.54	Clarifies the language in A.54.
19	23	A.62	Existing quarterly reports require submission of excess emissions which includes instances of heat input in excess of the permitted limits. Additionally, the annual report provides annual fuel heat input. The requested reporting is not currently required and therefore should not be imposed.
20	23, 24, 44, 55, 61	A.63-65	Renumbers the specific conditions to reflect the addition or subtraction of preceding specific conditions.
21	23	A.64	Reflects the language in the referenced AC permit.
22	25, 26	N/A	Clarifies the information in the table.
23	28	B.1	Corrects typographical errors per permit AC48-151515
24	35	C.6	Per June, 1995 change to PSDFL-123 and AC48-137740
25	51	E.9	62-4.070 does not address the issue in the specific condition.

Walt Disney World Co.~~mp~~¹
Walt Disney World Resort Complex
Facility ID No.: 0950111

*Walt Disney World Co. is
the legal name of the
company.*

Orange ~~and Osceola County~~²

*The Walt Disney World Resort Complex extends
into Osceola county through the All Star Resort.*

Initial Title V Air Operation Permit
DRAFT Permit No.: 0950111-005-AV

Permitting Authority:

State of Florida
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
Title V Section

Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Telephone: 850/488-1344
Fax: 850/922-6979

Compliance Authority:

State of Florida
Department of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/894-7555
Fax: 407/897-2966

Formatting Note

For the purposes of delineating the changes the Walt Disney World Co. has made, the following conventions will be used:

Underlined text is an addition

~~Strikethrough~~ text is a deletion

Bold Italicized text is a comment, an explanation of the proposed changes, or a question. Superscript text in color indicates the comment number referenced on the comment page.

Initial Title V Air Operation Permit
DRAFT Permit No.: 0950111-005-AV

Table of Contents

<u>Section Number</u>	<u>Page</u>
Placard Page	1
I. Facility Information	2 - 5
A. Facility Description.	
B. Summary of Emissions Unit ID No(s). and Brief Description(s).	
C. Relevant Documents.	
II. Facility-wide Conditions	6 - 7
III. Emissions Unit(s) and Conditions	
A. Emissions Units	
Combined Cycle Combustion Turbine with Natural Gas-Fired Heat Recovery Steam Generator	8 - 24
B. Emissions Units	
Boilers, Hot Water Generators, Oil Heaters, and Solid Waste Dryer	25 - 34
C. Emissions Units	
Two Diesel Electric Generators (2.5 kW each)	35 - 40
D. Emissions Units	
Paint Spray Booths and Operations	41 - 45
E. Emissions Unit	
Paint Spray Booths and Operations	46 - 56
F. Emissions Unit	
North Service Area Dry Cleaning Plant	57 - 61
IV. Acid Rain Part	
A. Acid Rain, Phase II	62 - 63

Permittee:
Walt Disney World Co., ¹
P.O. Box 10,000
Orlando, Florida 32830-1000

DRAFT Permit No.: 0950111-005-AV
Facility ID No.: 0950111
SIC Nos.: 79, 7996
Project: Initial Title V Air Operation Permit

This permit is for the operation of the Walt Disney World Resort Complex. This facility is located at 1375 Buena Vista Drive, Orange County; UTM Coordinates: Zone 17, 449.70 km East and 3138.00 km North; Latitude: 28° 22' 24" North and Longitude: 81° 32' 46" West.

This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213 and 62-214. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix U-1, List of Unregulated Emissions Units and/or Activities
Appendix E-1, List of Exempt Emissions Units and/or Activities
APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97)
APPENDIX SS-1, STACK SAMPLING FACILITIES (dated 10/07/96)
TABLE 297.310-1, CALIBRATION SCHEDULE (dated 10/07/96)
FIGURE 1 - SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSIONS
AND MONITORING SYSTEMS PERFORMANCE REPORT (40 CFR 60, July 1996)
BACT Determination dated 03/24/89
0950111-001-AC
0950111-002-AC
Compliance Plan dated 09/30/97 and received 10/06/97
Phase II Acid Rain Application/Compliance Plan received 12/26/95
Alternate Sampling Procedure: ASP Number 97-B-01

Effective Date: January 1, 1998
Renewal Application Due Date: July 5, 2002
Expiration Date: December 31, 2002

Howard L. Rhodes, Director
Division of Air Resources
Management

HLR/sms/bm

Section I. Facility Information.

Subsection A. Facility Description.

The facility is a complex of hotels, theme parks ~~amusement park~~³ and support facilities, and a utility. 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 oil heaters and hot water heaters.

Clarification

Based on the initial Title V permit application received June 12, 1996, this facility is a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

<u>E.U. ID No. (Facility ID No.)</u>	<u>Brief Description</u>
<u>North Service Area Dry Cleaning Plant</u>	
-001 (LDC-1)	Dry Cleaning Unit #1
-002 (LDC-2)	Dry Cleaning Unit #2
-003 (LDC-3)	Dry Cleaning Unit #3
-004 (LDC-4)	Dry Cleaning Unit #4
<u>North Service Area</u>	
-005 (NSA-15)	Sand Blast Chamber No. 1: unregulated
-006	not assigned
-007 (NSA-1)	NSA Paint Spray Booth (PSB) #1
-008 (NSA-2)	NSA PSB #2
-009 (NSA-3)	NSA PSB #3
-010 (NSA-5)	NSA Staff Shop PSB #1
-011 (NSA-6)	NSA Staff Shop PSB #2
-012 (NSA-7)	NSA Water Wash Plastisol PSB #1; includes a natural gas-fired curing oven
-013 (NSA-4)	NSA Metalizing PSB
-014 (NSA-8)	NSA Lofting Building PSB
-015 (NSA-9)	NSA Paint Shop PSB #4
-016 (NSA-10)	NSA Paint Shop PSB #5
-017 (NSA-11)	NSA Character Head Spray Box
-019 (NSA-12)	NSA Artist's Preparation Shop PSB
-020 (LBB-1a)	Laundry Boiler #1
-021 (LBB-1b)	Laundry Boiler #2
-022 (LBB-1c)	Laundry Boiler #3
-023 (LBB-2)	Laundry Boiler #4
-024	not assigned
-025 (NSA-14)	NSA Central Shop Paint Mixing Stations (7) <u>Paint Shop PSB #6</u> ⁴
-026	not assigned <i>These two were reversed</i>
-027 (NSA-15)	NSA Paint Shop PSB #6 <u>Central Shop Paint Mixing Stations (7)</u> ⁴
-028 thru -034	unassigned <u>not assigned</u>

<u>E.U. ID No. (Facility ID No.)</u>	<u>Brief Description</u>
<u>Disney's Grand Floridian Hotel</u>	
-035 (GFR-1)	Main Bldg. Domestic Hot Water Generator (HWG) #1
-036 (GFR-2)	Main Bldg. Domestic HWG #2
-037 (GFR-3)	Seafood Restaurant Domestic HWG
-038 (GFR-4)	Main Bldg. Heating HWG #1
-039 (GFR-5)	Main Bldg. Heating HWG
-040 (GFR-6)	Lodge Bldg. No. 2, HWG #1
-041 (GFR-7)	Lodge Bldg. No. 2, HWG #2
-042 (GFR-8)	Lodge Bldg. No. 3, HWG #1
-043 (GFR-9)	Lodge Bldg. No. 3, HWG #2
-044 (GFR-10)	Lodge Bldg. No. 4, HWG #1
-045 (GFR-11)	Lodge Bldg. No. 4, HWG #2
-046 (GFR-12)	Lodge Bldg. No. 5, HWG #1
-047 (GFR-13)	Lodge Bldg. No. 5, HWG #2
-048 (GFR-14)	Lodge Bldg. No. 6, HWG #1
-049 (GFR-15)	Lodge Bldg. No. 6, HWG #2
-050 (GFR-16)	Swimming Pool HWG
-051 (GFR-17)	Main Bldg. Kitchen HWG #1
-052 (GFR-18)	Main Bldg. Kitchen HWG #2
-xxx (GFR-19)	Diesel Electric Generator (900 kW)
<u>Disney Center's Studio Tours</u>	
-053 (STB-1)	Studio HWG
-054 (STB-2A)	Studio HWG
-054 (STB-2B)	Studio HWG
-055 (STB-3)	Studio HWG
-056 (STB-4)	Studio HWG
-057 (STB-5)	Studio HWG
-058 (STB-6)	Studio HWG
-059 (STB-7)	Studio HWG
-060 (STB-8)	Studio HWG
<u>Disney-MGM Studio Tours</u>	
-061 (MGM-10)	Studio Craft PSB
<u>Buena Vista Construction</u>	
-062 (BVC-1)	PSB
<u>Lake Buena Vista Community Village</u>	
-063 (LBV-1)	PSB #1
-064 (LBV-2)	PSB #2
<u>Disney Village</u>	
-065 (VM-3)	Marketplace PSB
<u>Ft. Wilderness/Golf Course</u>	
-066 (FWR-4)	PSB
<u>Disney's Yacht & Beach Club</u>	
-067 (YBC-3)	PSB
<u>EPCOT Center</u>	
-068 (EP-1)	Maintenance PSB
-069 (EP-2)	Display PSB
-070 (EP-3)	Marina PSB
<u>South Service Area</u>	
-071 (SSA-1)	Traffic Control Equipment PSB

<u>E.U. ID No. (Facility ID No.)</u>	<u>Brief Description</u>
<u>North Service Area</u>	
-072 (LAU-1)	Laundry Oil Heater #1
-072 (LAU-2)	Laundry Oil Heater #2
-073	unassigned
-074	unassigned
<u>Magic Kingdom</u>	
-075 (MK-1)	PSB #1
<u>EPCOT Central Energy Plant</u> ←	<u>Reedy Creek Improvement District</u> ⁵
-076 (EPCOT HWG-1)	EPCOT Water Heater #1 - West: unregulated
-077 (EPCOT HWG-2)	EPCOT Water Heater #2 - Middle: unregulated
-078 (EPCOT HWG-3)	EPCOT Water Heater #3 - East: unregulated
-079 (EPCOT DG-1)	Diesel Electric Generator #1 (2.5 MW)
-080 (EPCOT DG-2)	Diesel Electric Generator #2 (2.5 MW)
<u>North Service Area</u> ←	<u>Reedy Creek Improvement District</u> ⁵
-081 (NSA-xx)	Hot Water Generator #3: unregulated
-082	unassigned
<u>Disney's Blizzard Beach</u>	
-083 (BB-1)	Boiler
-084 (BB-2)	Boiler
-085 (BB-3)	HWG
-086 (BB-4)	HWG
-087 (BB-5)	HWG
<u>Reedy Creek Improvement District</u>	
-088	Combined Cycle CT with a natural gas-fired Heat Recovery Steam Generator
<u>Construction Landfill</u>	
-089 (CL-1)	Diesel Electric Generator #1
-089 (CL-2)	Diesel Electric Generator #2
<u>Disney's Boardwalk Resort</u>	
-090 (BDW-1)	Boiler
-090 (BDW-2)	Boiler
-091 (BDW-3)	HWG
-091 (BDW-4)	HWG
-091 (BDW-5)	HWG
-091 (BDW-6)	HWG
-091 (BDW-7)	HWG
-091 (BDW-8)	HWG
-091 (BDW-9)	HWG
-091 (BDW-10)	HWG
-092	unassigned
<u>Magic Kingdom</u>	
-093 (MK-2)	PSB #2
<u>Boardwalk Resort</u>	
-094 (BR-1)	PSB #1
-095	HWG (2)
-096	Pool HWG
-097	HWG (4)
-098	HWG (8)

<u>E.U. ID No. (Facility ID No.)</u>	<u>Brief Description</u>
<u>Boardwalk Resort</u>	
-099	Pool HWG (2)
-100	HWG (20)
-101	Diesel electric generators (3)
<u>Coronado Springs Resort</u>	
-102 (CSR-1)	PSB #1
<u>Disney's Animal Kingdom</u>	
-103	Conservation Station Boiler
-104	Africa Support Building Boiler
-105	Cast Cafe [1.8 MMBtu/hr ⁶] Boiler <i>Clarification</i>
-106	Tusker House Boiler
-107	Restaurantosaurus Boiler
-108	Countdown to Extinction Boiler
-109	Cast Cafe [1.26 MMBtu/hr ⁶] HWG <i>Clarification</i>
-110	Safari Fare Boiler
<u>Reedy Creek Energy Services Compost Facility</u>	
-111	Compost Facility Lundell Solid Waste Dryer
<u>Disney's All Star Resort</u>	
-xxx	80 HWG
-xxx (ASR-1)	PSB #1

Unregulated Emissions Units and/or Activities

{Permitting note: For Unregulated Emissions Units and/or Activities, see Appendix U-1 (attached).}

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s) on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

These documents are on file with the permitting authority:

Initial Title V Permit Application received June 12, 1996.

Supplementary information received June 6, 1997.

Supplementary information received August 29, 1997.

Supplementary information received October 6, 1997.

PSD-FL-123.

0950111-001-AC.

0950111-002-AC.

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-1, TITLE V CONDITIONS, is a part of this permit.
{Permitting note: APPENDIX TV-1, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided a copy when requested or otherwise appropriate.}
2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. No person shall ~~not~~ cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.; AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AC48-156346; AC48-166499; AC48-179648; AC48-179649; AC48-205018; AC48-243981; AO48-155895; AO48-183381; and, AO48~~9~~⁷-254323] *Correction*
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]
4. Prevention of Accidental Releases (Section 112(r) of CAA). If required by 40 CFR 68, the permittee shall submit to the implementing agency:
 - a. a risk management plan (RMP) when, and if, such requirement becomes applicable; and,
 - b. certification forms and/or RMPs according to the promulgated rule schedule.[40 CFR 68]
5. Unregulated Emissions Units and/or Activities. Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.
[Rule 62-213.440(1), F.A.C.]
6. Exempt Emissions Units and/or Activities. Appendix E-1, List of Exempt Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6) and 62-4.040(1)(b), F.A.C.]
7. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
[Rule 62-296.320(1)(a), F.A.C.]

8. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility during operations include: chemical or water application to unpaved roads, unpaved yard areas, and storage piles; paving and maintenance of roads, parking areas and plant grounds; landscaping and planting of vegetation; confining abrasive blasting where possible; and other techniques, as necessary. Also, for the solid waste disposal area, wetting agents shall be applied.

[Rule 62-296.320(4)(c)2., F.A.C

9. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.]

10. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Central District office at the following address:

Department of Environmental Protection
Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/894-7555
Fax: 407/897-2966

11. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Operating Permits Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9099
Fax: 404/562-9095

~~12. There shall be no discharges of liquid effluents or contaminated runoff to surface or ground water without approval from the Department.~~

~~[AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AC48-156346; AC48-166499; AC48-179648; AC48-179649; AC48-205018; AC48-243981; AO48-155895; AO48-169552; AO48-172592; AO48-172594; AO48-183381; and, AO489-254323]~~⁸ *Moved to the applicable emissions unit sections.*

~~13. This permit does not preclude compliance with any applicable local program permitting requirements and regulations.~~

~~[AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AC48-156346; AC48-166499; AC48-179648; AC48-179649; AC48-205018; AC48-243981; AO48-155895; AO48-169552; AO48-172592; AO48-172594; AO48-183381; and, AO489-254323]~~⁹ *Moved to the applicable emissions unit sections.*

Section III. Emissions Units.

Subsection A. This section addresses the following emissions unit.

<u>E.U. ID No.</u>	<u>Brief Description</u>
-088	Combined Cycle Combustion Turbine with Natural Gas-Fired Heat Recovery Steam Generator

This emissions unit is a combined cycle combustion turbine (CT) system followed by a natural gas-fired duct burner and a heat recovery steam generator (HRSG). It consists of a GE LM 5000 combustion turbine which powers a 38 MW (nominal rating) generator. Nitrogen oxide (NO_x) emissions are controlled by the use of water injection. The HRSG provides steam to power a nominal 8.5 MW steam turbine. The CT can be fired either by natural gas or No. 2 fuel oil. The duct burner can only be fired by natural gas. The compressor inlet air will be conditioned by an evaporative cooler (~~cooling tower~~) and/or chilled water cooling coils¹⁰ when needed. ~~The CT~~ Station emergency power¹¹ will be started provided¹¹ by the use of a¹¹ Black Start Cummings No. 2 fuel oil fired emergency electric generator (which is exempt from permitting requirements).

The existing emissions unit is currently involved in a modification, authorized by construction permit 0950111-002-AC, which will consist of replacing the existing combusters in the CT with extended venturi combusters. This modification will reduce the frequency of combustor maintenance and replacement, but will increase the formation of carbon monoxide (CO). In order to avoid a significant increase in CO emissions, a catalytic oxidation unit will be placed into service in the ductwork directly following the CT, providing a CO removal efficiency of about 80%. The resultant net increase in CO emissions is still below the previously established CO emissions limits of 25 lbs/hr and 111 tons per year. Additionally the CT will be equipped with inlet air cooling coils.¹⁰

{Permitting notes: The emissions unit is regulated under NSPS - 40 CFR 60, Subpart GG, Standards of Performance for Stationary Gas Turbines, and Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, adopted and incorporated by reference in Rules 62-204.800(7)(b)38. & 62-204.800(7)(b)3., F.A.C., respectively; and, PSD-FL-123, Prevention of Significant Deterioration (PSD), in Rule 62-212.400, F.A.C. Stack height: 65 feet, exit diameter: 11.1 feet, exit temperature: 285 °F, and, actual volumetric flow rate: 301,777 acfm. This unit began commercial operation April 1989.}

The following specific conditions apply to the emissions unit listed above:

A.0. This emissions unit is currently authorized to operate under the conditions of the attached permit 0950111-001-AC. After the modifications authorized by AC permit 0950111-002-AC (also attached) have been completed and the testing and reporting requirements contained in 40 CFR 60.8 have been satisfied, the following operating conditions will apply:
[Rule 62-213.440, F.A.C.; and, 40 CFR 60.8.]

Essential Potential to Emit (PTE) Parameters

[Permitting note: Unless stated so, the following conditions apply to both the CT and HRSG.]

General

A.1. Definitions. For the purposes of Rule 62-204.800(7), F.A.C., the definitions contained in the various provisions of 40 CFR 60, shall apply except that the term "Administrator" when used in 40 CFR 60, shall mean the Secretary or the Secretary's designee.

[40 CFR 60.2; Rule 62-204.800(7)(a), F.A.C.]

A.2. Circumvention. No owner or operator subject to the provisions of 40 CFR 60 shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

[40 CFR 60.12]

A.3. Modifications. ~~The permittee shall give written notification to the Department when there is any modification to this facility. This notice shall be submitted sufficiently in advance of any critical date involved to allow sufficient time for review, discussion, and revision of plans, if necessary. Such notice shall include, but not be limited to, information describing the precise nature of the change; modifications to any emission control system; production capacity of the facility before and after the change; and the anticipated completion date of the change.~~

~~[40 CFR 60.14; and, 0950111-001-AC]~~¹²

Except as provided under 40 CFR 60.14 (e) and (f), any physical or operational change to an existing facility which results in an increase in the emission rate to the atmosphere of any pollutant to which a standard applies shall be considered a modification within the meaning of section 111 of the Act. Upon modification, an existing facility shall become an affected facility for each pollutant to which a standard applies and for which there is an increase in the emission rate to the atmosphere

[40 CFR 60.14]¹²

Essential Potential to Emit (PTE) Parameters

A.4. Permitted Capacity. The maximum heat input to the Combustion Turbine (CT) and the duct burner, combined, shall not exceed 450 MMBtu/hr, ~~with the~~ (normal duct burner heat input rate ~~contribution~~ of 23 MMBtu/hr)¹³. When the CT is not in operation, the duct burner heat input rate shall not exceed 198 MMBtu/hr.

Changes the verbiage to reflect what is in 0950111-001-AC.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; 40 CFR 60.332(b); PSD-FL-014 & PSD-FL-014(A); and, 0950111-001-AC]

A.5. Emissions Unit Operating Rate Limitation After Testing. See specific condition A.48.

[Rule 62-297.310(2), F.A.C.]

A.6. Methods of Operation - Fuels.

a. Natural gas shall be the primary fuel fired in the CT. New No. 2 distillate fuel oil may be fired as “back-up” fuel in the CT, only. Only natural gas shall be fired in the duct burner. The burning of other fuels requires review, public notice, and approval through the preconstruction process (Chapters 62-210 and 62-212, F.A.C.).

b. New No. 2 distillate fuel oil can be used as a backup fuel in the CT, only, for a maximum of 336 hours per year.

[Rule 62-213.410, F.A.C.; and, 0950111-001-AC]

A.7. Hours of Operation. This emissions unit may operate continuously, i.e., 8760 hours per year. [Rule 62-210.200(PTE), F.A.C.; 0950111-001-AC; and, PSD-FL-123]

Emission Limitations and Standards

A.8. Nitrogen Oxides. Nitrogen oxides emissions, expressed as NO_x, shall not exceed 82 ppmv by volume at 15 percent oxygen and on a dry basis (132 lbs/hr) during conditions of peak loading (based on 40°F), or 68 ppmv by volume at 15 percent oxygen and on a dry basis (100 lbs/hr) for a 12-month rolling average, or 17 tons per year, while burning new No. 2 distillate fuel oil. The 12-month rolling average emissions will be calculated using hourly averages during the month and then using consecutive monthly averages to obtain an annual average. The Department may alter this averaging method after due consideration of alternative compliance plans.

[0950111-002-AC]

A.9. Nitrogen Oxides. Nitrogen oxides emissions, expressed as NO_x, shall not exceed 74 ppmv by volume at 15 percent oxygen and on a dry basis (112 lbs/hr) during conditions of peak loading (based on 40°F), or 58 ppmv by volume at 15 percent oxygen and on a dry basis (77 lbs/hr) for a 12-month rolling average, or 280 tons per year, while burning natural gas. The 12-month rolling average emissions will be calculated using hourly averages during the month and then using consecutive monthly averages to obtain an annual average. The Department may alter this averaging method after due consideration of alternative compliance plans. The duct burner NO_x emissions shall not exceed 4.6 lbs/hr at 23 MMBtu/hr heat input (corresponding to 0.20 lb/MMBtu) or 40 lbs/hr at 198 MMBtu/hr heat input (corresponding to 0.20 lb/MMBtu). The nitrogen oxides emissions standard apply at all times including periods of startup, shutdown, or malfunction. Compliance with the emissions limits of 40 CFR 60.44b(a)(4) (HRSG)¹⁴ is determined on a 30-day rolling average basis when the CT is not operating.¹⁴ *See Specific Condition 5, Footnote 3 of 0950111-002-AC that specifically defines the averaging methods for NO_x emissions from the facility. It calls for a rolling 12-month average, using monthly averages for the turbine and duct burner combined. Therefore, we believe the Specific Condition supercedes the SubPart Db(i) requirement.*

[40 CFR 60.44b(a)(4), (h) & (i); and, 0950111-002-AC]

A.10. Nitrogen Oxides. Nitrogen oxides from the CT shall be controlled by water injection at a minimum of 0.6/1.0 water-to-fuel ratio. **(Reedy Creek Improvement District (RCID) will provide data from compliance tests in order to allow the Department to set a final water injection-to-fuel ratio in order to optimize pollution control and meet the permitted emission limits.)**

[0950111-002-AC]

A.11. Sulfur Dioxide. Sulfur dioxide emissions shall not exceed 58 ppmv by volume at 15 percent oxygen and on a dry basis. The maximum allowed sulfur dioxide emissions shall not exceed 118 lbs/hr or 20 tons per year, while burning new No. 2 distillate fuel oil.

[40 CFR 60.333(a); and, 0950111-001-AC]

A.12. Sulfur Dioxide. The maximum allowed sulfur dioxide emissions shall not exceed 1.2 lbs/hr or 5.1 tons per year, while burning natural gas.

[0950111-001-AC]

A.13. Sulfur Dioxide - Sulfur Content. The sulfur content of the fuel oil fired by the stationary gas turbine may be used to determine compliance with 40 CFR 60.333(a). Under such circumstances, the permittee shall not fire in any stationary gas turbine any fuel which contains a sulfur content in excess of 0.4 percent, by weight.

[40 CFR 60.333(b); and, 0950111-001-AC]

A.14. Particulate Matter. Particulate matter shall not exceed 9 lbs/hr or 2 tons per year, while burning new No. 2 distillate fuel oil.

[0950111-001-AC]

A.15. Particulate Matter. Particulate matter shall not exceed 0.8 lbs/hr or 3.5 tons per year, while burning natural gas.

[0950111-001-AC]

A.16. Carbon Monoxide. Carbon monoxide emissions shall not exceed 24 lbs/hr or 4 tons per year, while burning new No. 2 distillate fuel oil.

[0950111-002-AC]

A.17. Carbon Monoxide. Carbon monoxide emissions shall not exceed 25 lbs/hr or 110 tons per year, while burning natural gas.

[0950111-002-AC]

A.18. Volatile Organic Compounds (VOCs)¹⁵. VOC emissions shall not exceed 6 lbs/hr or ~~26~~ 1¹⁵ tons per year, while burning new No. 2 distillate fuel oil.

[0950111-001-AC]

A.19. Volatile Organic Compounds (VOCs)¹⁵. VOC emissions shall not exceed 6 lbs/hr or ~~1~~ 26¹⁵ ton per year, while burning natural gas.

[0950111-001-AC]

A.20. Visible Emissions. Visible emissions shall not exceed 10 percent opacity while burning new No. 2 distillate fuel oil.

[0950111-002-AC]

A.21. Visible Emissions. Visible emissions shall not exceed 5 percent opacity while burning natural gas.

[0950111-002-AC]

Excess Emissions

A.22. Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

A.23. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

A.24. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

[40 CFR 60.11(d)]

A.25. For the purpose of reports required under 40 CFR 60.7(c), periods of excess emissions that shall be reported are defined as follows:

(1). *Nitrogen oxides*. Any one-hour period during which the average water-to-fuel ratio, as measured by the continuous monitoring system, falls below the water-to-fuel ratio determined to demonstrate compliance with 40 CFR 60.332 by the performance test required in 40 CFR 60.8 ~~or any period during which the fuel bound nitrogen of the fuel is greater than the maximum nitrogen content allowed by the fuel bound nitrogen allowance used during the performance test required in 40 CFR 60.8.~~¹⁶ Each report shall include the average water-to-fuel ratio, average fuel consumption, ambient conditions, gas turbine load, ~~and nitrogen content of the fuel~~¹⁶ during the period of excess emissions, and the graphs or figures developed under 40 CFR 60.335(a).

[40 CFR 60.334(c)(1)]

Monitoring of Operations

A.26. At all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

[40 CFR 60.11(d)]

A.27. The owner or operator of any stationary gas turbine subject to the provisions of 40 CFR 60, Subpart GG, and using water injection to control NO_x emissions shall install and operate a continuous monitoring system to monitor and record the fuel consumption and the ratio of water to fuel being fired in the turbine. This system shall be accurate to within ± 5.0 percent and shall be approved by the Administrator.

[40 CFR 60.334(a)]

A.28. The following custom fuel monitoring schedule shall be used at this facility:

Custom Fuel Monitoring Schedule for Natural Gas

- 1) Monitoring of fuel nitrogen content shall not be required while natural gas is the only fuel being fired in the gas turbine (CT).
- 2) Sulfur Monitoring:
 - a) Analysis for sulfur content of the natural gas shall be conducted using one of the approved ASTM reference methods for the measurement of sulfur in gaseous fuels, or an approved alternative method. The approved methods are ASTM D1072-80, ASTM D3030-81, ASTM D3246-83, and ASTM D4084-82 as referenced in 40 CFR 60.335(b)(2), or the latest edition(s).
 - b) Effective the date of this custom schedule, sulfur monitoring shall be conducted at least once per calendar quarter. Sulfur analyses results shall be reported in units of grains of sulfur per 100 cubic feet of natural gas and shall be submitted with the quarterly excess emissions report required by 40 CFR 60.7. (EPA's letter dated June 15, 1994).
 - c) The sulfur content of the fuel shall also be expressed as maximum sulfur dioxide emissions (lb/hr) and shall be consistent with the limits specified in Specific Condition 5 of permit AC48-137740 (see specific conditions A.11 & A.12. of this permit).
 - d) Should any sulfur analysis as required in items 2(b), above, indicate noncompliance with 40 CFR 60.333, the owner or operator shall notify the Department of such excess emissions and the custom schedule shall be re-examined. Sulfur monitoring shall be conducted weekly during the interim period when this custom schedule is being re-examined.
- 3) If there is a change in fuel supply, the owner or operator must notify the Department of such change for re-examination of this custom schedule. A substantial change in fuel quality shall be considered as a change in fuel supply. Sulfur monitoring shall be conducted weekly during the interim period when this custom schedule is being re-examined.
- 4) Records of sample analysis and fuel supply pertinent to this custom schedule shall be retained for a period of (five) years, and be available for inspection by personnel of federal, state, and local air pollution control agencies.

Custom Fuel Monitoring Schedule for Liquid Fuel

- 1) Sulfur and nitrogen content of the liquid fuel:
Upon delivery of the fuel, a sample shall be randomly taken from one compartment of each truck and composited for analysis (for verification of the vendor data) by a third party

laboratory using, ASTM Method D-3228 for nitrogen analysis, and ASTM Method D-4294 for sulfur analysis.

[40 CFR 60.334(b)(2); and, AC48-137740 & PSD-FL-123 as modified on October 11, 1994]

A.29. The owner or operator of any stationary gas turbine subject to the provisions of 40 CFR 60, Subpart GG shall monitor sulfur content and nitrogen content of the fuel being fired in the turbine. The frequency of determination of these values shall be as follows:

- (1) If the turbine is supplied its fuel from a bulk storage tank, the values shall be determined on each occasion that fuel is transferred to the storage tank from any other source.
- (2) If the turbine is supplied its fuel without intermediate bulk storage, the values shall be determined and recorded daily. Owners, operators or fuel vendors may develop custom schedules for determination of the values based on the design and operation of the affected facility and the characteristics of the fuel supply. These custom schedules shall be substantiated with data and must be approved by the Administrator before they can be used to comply with 40 CFR 60.334(b). [40 CFR 60.334(b)(1) & (2)]

A.30. The owner or operator of an affected facility (HRSG) which is subject to the nitrogen oxides standards of 40 CFR 60.44b(a)(4) is not required to install or operate a continuous monitoring system to measure nitrogen oxides emissions. See specific condition A.9.

[40 CFR 60.48b(h)]

A.31. Determination of Process Variables.

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

Continuous Monitoring Requirements

A.32. For the purposes of 40 CFR 60.13, all continuous monitoring systems required under applicable subparts shall be subject to the provisions of 40 CFR 60.13 upon promulgation of performance specifications for continuous monitoring systems under Appendix B of 40 CFR 60 and, if the continuous monitoring system is used to demonstrate compliance with emission limits on a continuous basis, Appendix F of 40 CFR 60, unless otherwise specified in an applicable subpart or by the Administrator. Appendix F is applicable December 4, 1987.

[40 CFR 60.13(a)]

A.33. All continuous monitoring systems (CMS) or monitoring devices shall be installed such that representative measurements of emissions or process parameters from the affected facility are

obtained. Additional procedures for location of continuous monitoring systems contained in the applicable Performance Specifications of Appendix B of 40 CFR 60 shall be used.
[40 CFR 60.13(f)]

Test Methods and Procedures

A.34. Subsequent to the initial test, annual stack testing for CO emissions at full capacity load conditions shall be performed according to an annual test protocol developed jointly by RCID and FDEP. This protocol will specify the test methods and procedures to be used during the annual compliance testing. Using the established procedures of this protocol as a guide, simultaneous testing full capacity load conditions shall be conducted for CO, NO_x and VE. EPA Method 10 shall be used for CO, EPA Methods 7e or 20 shall be used for NO_x and EPA Method 9 shall be used for VE. Testing at other loads will not be necessary if the unit is shown to be in compliance with the applicable emission standards for NO_x and CO. The test methods shall be in accordance with Chapter 62-297, F.A.C., and 40 CFR 60, Appendix A.
[40 CFR 60.44b(a); Rules 62-213.440 and 62-297.401, F.A.C.; and, 0950111-001-AC & 0950111-002-AC]

A.35. Nitrogen Oxides. To compute the nitrogen oxides emissions, the owner or operator shall use analytical methods and procedures that are accurate to within 5 percent and are approved by the Department to determine the nitrogen content of the fuel being fired.
[40 CFR 60.335(a)]

A.36. Nitrogen Oxides. The owner or operator shall determine compliance with the nitrogen oxides standard in 40 CFR 60.332 as follows:

(1) The nitrogen oxides emission rate (NO_x) shall be computed for each run using the following equation:

$$NO_x = (NO_{xO}) (P_r/P_o)^{0.5} e^{19(H_o-0.00633)} (288^\circ K/T_a)^{1.53}$$

where:

NO_x = emission rate of NO_x at 15 percent O₂ and ISO standard ambient conditions, volume percent.

NO_{xO} = observed NO_x concentration, ppm by volume.

P_r = reference combustor inlet absolute pressure at 101.3 kilopascals ambient pressure, mm Hg.

P_o = observed combustor inlet absolute pressure at test, mm Hg.

H_o = observed humidity of ambient air, g H₂O/g air.

e = transcendental constant, 2.718.

T_a = ambient temperature, °K.

[40 CFR 60.335(c)(1)]

A.37. The monitoring device of 40 CFR 60.334(a) shall be used to determine the fuel consumption and the water-to-fuel ratio necessary to comply with the permitted NO_x standard at 30, 50, 75, and

100 percent of peak load or at four points in the normal operating range of the gas turbine, including the minimum point in the range and peak load. All loads shall be corrected to ISO conditions using the appropriate equations supplied by the manufacturer.

[40 CFR 60.335(c)(2)]

A.38. Nitrogen Oxides and Sulfur Dioxide. The owner or operator shall determine compliance with the nitrogen oxides and sulfur dioxide standards in 40 CFR 60.332 and 60.333(a) as follows:

(3). EPA Method 20 (40 CFR 60, Appendix A) shall be used to determine the nitrogen oxides, sulfur dioxide, and oxygen concentrations. The span values shall be 300 ppm of nitrogen oxide and 21 percent oxygen. The NO_x emissions shall be determined at each of the load conditions specified in 40 CFR 60.335(c)(2).

[40 CFR 60.335(c)(3)]

A.39. Sulfur Dioxide - Sulfur Content. The owner or operator shall determine compliance with the sulfur content standard of 0.4 percent, by weight, as follows: ASTM D 2880-96, or the latest edition, shall be used to determine the sulfur content of liquid fuels and ASTM D 1072-90(94)E-1, D 3031-81(86), D 4084-94, D 3246-92, or the latest edition, shall be used for the sulfur content of gaseous fuels (incorporated by reference-see 40 CFR 60.17). The applicable ranges of some ASTM methods mentioned above are not adequate to measure the levels of sulfur in some fuel gases. Dilution of samples before analysis (with verification of the dilution ratio) may be used, subject to the approval of the Administrator.

[40 CFR 60.335(d)]

A.40. Nitrogen and Sulfur Contents. To meet the requirements of 40 CFR 60.334(b), the owner or operator shall use the methods specified in 40 CFR 60.335(a) and 40 CFR 60.335(d) of 40 CFR 60.335 to determine the nitrogen and sulfur contents of the fuel being burned. The analysis may be performed by the owner or operator, a service contractor retained by the owner or operator, the fuel vendor, or any other qualified agency.

[40 CFR 60.335(e)]

A.41. Carbon Monoxide. EPA Method 10 pursuant to Chapter 62-297, F.A.C., and 40 CFR 60, Appendix A, shall be used to determine compliance with the carbon monoxide standards in specific conditions A.16. & A.17.

A.42. Visible Emissions. EPA Method 9 pursuant to Chapter 62-297, F.A.C., and 40 CFR 60, Appendix A, shall be used to determine compliance with the visible emissions standard in specific conditions A.20. & A.21.

[Rule 62-297.401, F.A.C.; and, 40 CFR 60, Appendix A]

A.43. Opacity. Compliance with standards in 40 CFR 60, other than opacity standards, shall be determined only by performance tests established by 40 CFR 60.8, unless otherwise specified in the applicable standard.

[40 CFR 60.11(a)]

A.44. Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Administrator such records as may be necessary to

determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.
[40 CFR 60.8(c)]

A.45. The owner or operator shall provide, or cause to be provided, stack sampling and performance testing facilities as follows:

- (1) Sampling ports adequate for test methods applicable to such facilities.
- (2) Safe sampling platform(s).
- (3) Safe access to sampling platform(s).
- (4) Utilities for sampling and testing equipment.

[40 CFR 60.8(e)(1), (2), (3) & (4); and, PSD-FL-014]

A.46. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.

[Rule 62-297.310(6), F.A.C.]

A.47. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.

[Rule 62-297.310(1), F.A.C.]

A.48. Operating Rate During Testing. Testing of emissions shall be conducted with each emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

A.49. Calculation of Emission Rate. The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the separate test runs unless otherwise specified in a particular test method or applicable rule.

[Rule 62-297.310(3), F.A.C.]

A.50. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.
2. Opacity Compliance Tests. When either EPA Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:
 - c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

(b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

(d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1 (attached).

[Rule 62-297.310(4), F.A.C.]

A.51. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:
 - a. Did not operate; or,
 - b. In the case of a fuel burning emissions unit, burned liquid fuel for a total of no more than 400 hours.
4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:
 - a. Visible emissions, if there is an applicable standard;
 - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or

lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and,

- c. Each NESHAP pollutant, if there is an applicable emission standard.
 8. Any combustion turbine that does not operate for more than 400 hours per year shall conduct a visible emissions compliance test once per each five-year period, coinciding with the term of its air operation permit.
 9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.
- (b) **Special Compliance Tests.** When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.
- (c) **Waiver of Compliance Test Requirements.** If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; and, SIP approved]

A.52. By this permit, annual emissions compliance testing for visible emissions is not required for these emissions units while burning:

- a. only gaseous fuel(s); or
- b. gaseous fuel(s) in combination with any amount of liquid fuel(s) for less than 400 hours per year; or,
- c. only liquid fuel(s) for less than 400 hours per year.

[Rule 62-297.310(7)(a)4., F.A.C.]

Recordkeeping and Reporting Requirements

A.53. To determine compliance with the oil firing heat input limitation, the permittee shall maintain daily records of fuel oil consumption and hourly usage for the turbine and the average¹⁷ heating value for the fuel oil. Average fuel oil heating rate shall be the calendar year annual average higher heating value of #2 fuel oil purchased for the permittee's bulk fuel oil storage facility.¹⁷ All records shall be maintained for a minimum of five (5) years after the date of each record and shall be made available to representatives of the Department upon request.

[Rule 62-213.440, F.A.C.]

A.54. The owner or operator subject to the provisions of 40 CFR 60 shall furnish the Administrator written notification as follows:

(4) A notification of any physical or operational change¹⁸ to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.

[40 CFR 60.7(a)(4)]

A.55. The owner or operator subject to the provisions of 40 CFR 60 shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or, any periods during which a continuous monitoring system or monitoring device is inoperative.

[40 CFR 60.7(b)]

A.56. The owner or operator required to install a continuous monitoring system (CMS) or monitoring device shall submit an excess emissions and monitoring systems performance report and/or a summary report form [see 40 CFR 60.7(d)] to the Administrator semiannually, except when: more frequent reporting is specifically required by an applicable subpart; or, the CMS data are to be used directly for compliance determination, in which case quarterly reports shall be submitted; or, the Administrator, on a case-by-case basis, determines that more frequent reporting is necessary to accurately assess the compliance status of the source. All reports shall be postmarked by the 30th day following the end of each calendar half (or quarter, as appropriate). Written reports of excess emissions shall include the following information:

- (1) The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h), any conversion factor(s) used, and the date and time of commencement and completion of each time period of excess emissions. The process operating time during the reporting period.
- (2) Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the affected facility. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted.
- (3) The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments.
- (4) When no excess emissions have occurred or the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be stated in the report.

[40 CFR 60.7(c)(1), (2), (3), and (4)]

A.57. The summary report form shall contain the information and be in the format shown in Figure 1 (attached) unless otherwise specified by the Administrator. One summary report form shall be submitted for each pollutant monitored at each affected facility.

- (1) If the total duration of excess emissions for the reporting period is less than 1 percent of the total operating time for the reporting period and CMS downtime for the reporting period is less than 5 percent of the total operating time for the reporting period, only the summary report form shall be submitted and the excess emission report described in 40 CFR 60.7(c) need not be submitted unless requested by the Administrator.

(2) If the total duration of excess emissions for the reporting period is 1 percent or greater of the total operating time for the reporting period or the total CMS downtime for the reporting period is 5 percent or greater of the total operating time for the reporting period, the summary report form and the excess emission report described in 40 CFR 60.7(c) shall both be submitted.
[40 CFR 60.7(d)(1) and (2)]

{See attached Figure 1: Summary Report-Gaseous and Opacity Excess Emission and Monitoring System Performance} (electronic file name: figure1.doc)

A.58. (1) Notwithstanding the frequency of reporting requirements specified in 40 CFR 60.7(c), an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the following conditions are met:

(i) For 1 full year (e.g., 4 quarterly or 12 monthly reporting periods) the affected facility's excess emissions and monitoring systems reports submitted to comply with a standard under this part continually demonstrate that the facility is in compliance with the applicable standard;

(ii) The owner or operator continues to comply with all recordkeeping and monitoring requirements specified in 40 CFR 60, Subpart A, and the applicable standard; and,

(iii) The Administrator does not object to a reduced frequency of reporting for the affected facility, as provided in 40 CFR 60.7(e)(2). The frequency of reporting of excess emissions and monitoring systems performance (and summary) reports may be reduced only after the owner or operator notifies the Administrator in writing of his or her intention to make such a change and the Administrator does not object to the intended change. In deciding whether to approve a reduced frequency of reporting, the Administrator may review information concerning the source's entire previous performance history during the required recordkeeping period prior to the intended change, including performance test results, monitoring data, and evaluations of an owner or operator's conformance with operation and maintenance requirements. Such information may be used by the Administrator to make a judgment about the source's potential for noncompliance in the future. If the Administrator disapproves the owner or operator's request to reduce the frequency of reporting, the Administrator will notify the owner or operator in writing within 45 days after receiving notice of the owner or operator's intention. The notification from the Administrator to the owner or operator will specify the grounds on which the disapproval is based. In the absence of a notice of disapproval within 45 days, approval is automatically granted.

(3) As soon as monitoring data indicate that the affected facility is not in compliance with any emission limitation or operating parameter specified in the applicable standard, the frequency of reporting shall revert to the frequency specified in the applicable standard, and the owner or operator shall submit an excess emissions and monitoring systems performance report (and summary report, if required) at the next appropriate reporting period following the noncomplying event. After demonstrating compliance with the applicable standard for another full year, the owner or operator may again request approval from the Administrator to reduce the frequency of reporting for that standard as provided for in 40 CFR 60.7(e)(1) & (e)(2).

[40 CFR 60.7(e)(1)]

A.59. The owner or operator subject to the provisions of 40 CFR 60 shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance

performed on these systems or devices; and, all other information required by 40 CFR 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least 5 (five) years following the date of such measurements, maintenance, reports, and records.

[40 CFR 60.7(f); Rule 62-213.440(1)(b)2.b., F.A.C.]

A.60. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

A.61. Test Reports.

- (a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.
- (b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.
- (c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA Method 9 test, shall provide the following information:
 1. The type, location, and designation of the emissions unit tested.
 2. The facility at which the emissions unit is located.
 3. The owner or operator of the emissions unit.
 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
 5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
 6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
 7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
 8. The date, starting time and duration of each sampling run.
 9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
 10. The number of points sampled and configuration and location of the sampling plane.
 11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
 12. The type, manufacturer and configuration of the sampling equipment used.
 13. Data related to the required calibration of the test equipment.
 14. Data on the identification, processing and weights of all filters used.
 15. Data on the types and amounts of any chemical solutions used.
 16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.

17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

~~A.62. In each compliance test report, submit the maximum input/production rate at which each emissions unit was operated since the most recent compliance test.~~

~~[Rule 62-213.440, F.A.C.]¹⁹ Existing quarterly reports require submission of excess emissions which includes instances of heat input in excess of the permitted limits. Additionally, the annual report provides annual fuel heat input. The requested reporting is not currently required and therefore should not be imposed.~~

A. ~~63~~62.²⁰ Reports under 40 CFR 60.7(c) are required for periods of NO_x excess emissions, which are defined in specific condition A.25.

[40 CFR 60.334(c)(1)]

A. ~~64~~63.²⁰ Submit a quarterly report for each emissions unit for the following within 30 days at the end of each quarter:

- a. Total hours of operation.
- b. Per 40 CFR 60.334(c)(1) for NO_x, any one hour period in which the water to fuel ratio falls below 0.6/1.0 or the value determined during the latest compliance tests of modification 0950111-002-AC, whichever is the larger numerical fraction.²¹

[Rule 62-213.400, F.A.C.; and, 0950111-002-AC]

~~62-4.130 addresses plant operational problems and notification requirements. The verbiage in 62-4.130 was added to clarify the requirements in specific condition A.60.~~

A. ~~65~~64.²⁰ HRSG. The owner or operator of an affected facility (HRSG) subject to the nitrogen oxides standards under 40 CFR 60.44b shall maintain records of the following information for each steam generating unit operating day:

- (1) Calendar date.
- (2) The average hourly nitrogen oxides emission rates (expressed as NO₂) (ng/J or lb/million Btu heat input) measured or predicted.
- (3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceding 30 steam generating unit operating days.

(4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emissions standards under 40 CFR 60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.

(5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.

(6) Identification of times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.

[40 CFR 60.49b(g)(1) thru (6); and, 0950111-002-AC]

Section III. Emissions Units.

Subsection B. This section addresses the following emissions units.

<u>E.U./Facility I.D.</u>	<u>Brief Description</u>	<u>Manufacturer</u>	<u>Model</u>
<i>North Service Area</i>			
-020 (LBB-1a)	Laundry Boiler #1	York-Shipley	300HP
-021 (LBB-1b)	Laundry Boiler #2	York-Shipley	300HP
-022 (LBB-1c)	Laundry Boiler #3	York-Shipley	350HP
-023 (LBB-2)	Laundry Boiler #4		
<i>Disney's Grand Floridian Hotel</i>			
-035 (GFR-1)	Main Bldg. Domestic Hot Water Generator (HWG) #1	A. O. Smith	BTP-600-2500
-036 (GFR-2)	Main Bldg. Domestic HWG #2	A. O. Smith	BTP-600-2500
-037 (GFR-3)	Seafood Restaurant Domestic HWG	A. O. Smith	BIP-400-2500
-038 (GFR-4)	Main Bldg. Heating HWG #1	Burnnam	3PW-200-50-LB
-039 (GFR-5)	Main Bldg. Heating HWG	Burnnam	#PW-200-50-LB
-040 (GFR-6)	Lodge Bldg. No. 2, HWG #1	Bryan	K-300-WT
-041 (GFR-7)	Lodge Bldg. No. 2, HWG #2	Bryan	K-300-WT
-042 (GFR-8)	Lodge Bldg. No. 3, HWG #1	Bryan	CL-210
-043 (GFR-9)	Lodge Bldg. No. 3, HWG #2	Bryan	CL-210
-044 (GFR-10)	Lodge Bldg. No. 4, HWG #1	Bryan	CL-300
-045 (GFR-11)	Lodge Bldg. No. 4, HWG #2	Bryan	CL-300
-046 (GFR-12)	Lodge Bldg. No. 5, HWG #1	Bryan	K-350-WT
-047 (GFR-13)	Lodge Bldg. No. 5, HWG #2	Bryan	K-350-WT
-048 (GFR-14)	Lodge Bldg. No. 6, HWG #1	Bryan	K-350-WT
-049 (GFR-15)	Lodge Bldg. No. 6, HWG #2	Bryan	K-350-WT
-050 (GFR-16)	Swimming Pool HWG	Ray Pak	2001
-051 (GFR-17)	Main Bldg. Kitchen HWG #1	Nickelshield	875N200ATP
-052 (GFR-18)	Main Bldg. Kitchen HWG #2	Nickelshield	875N200ATP
-xxx (GFR-19)	Diesel Electric Generator (900 kW)	Cummins	KTTA38-GS-1
<i>Disney Center's Studio Tours</i>			
-053 (STB-1)	Studio HWG	A. O. Smith	HWT-1240
-054 (STB-2A)	Studio HWG	Bryan	CL-150
-054 (STB-2B)	Studio HWG	A. O. Smith	HWT-1240
-055 (STB-3)	Studio HWG	Bryan	CL-120
-056 (STB-4)	Studio HWG	Bryan	CL-180
-057 (STB-5)	Studio HWG	A. O. Smith	HWT-1240
-058 (STB-6)	Studio HWG	<i>Clarifications</i> unknown Thermosteam ²²	unknown FG60 ²²
-059 (STB-7)	Studio HWG	Bryan	CL-120
-060 (STB-8)	Studio HWG	A. O. Smith	HWT-1240
<i>North Service Area</i>			
-072 (LAU-1)	Laundry Oil Heater #1	Fulton Thermal Corp	FT-C 1000
-072 (LAU-2)	Laundry Oil Heater #2	Fulton Thermal Corp	FT-C 1000

<u>E.U./Facility I.D.</u>	<u>Brief Description</u>	<u>Manufacturer</u>	<u>Model</u>
<u>Disney's Blizzard Beach</u>			
-083 (BB-1)	Boiler	Ajax Boiler, Inc.	WG-1375
-084 (BB-2)	Boiler	Ajax Boiler, Inc.	WG-1375
-085 (BB-3)	HWG	Ajax Boiler, Inc.	XGF-6500-W
-086 (BB-4)	HWG	Ajax Boiler, Inc.	XGF-6500-W
-087 (BB-5)	HWG	Ajax Boiler, Inc.	XGF-1500-W
<u>Construction Landfill</u>			
-089 (CL-1)	Diesel Electric Generator #1	Coleman/Cummings	4BG
-089 (CL-2)	Diesel Electric Generator #2	Coleman/Kubota	CK05-15M/V1902-B61
<u>Disney's Boardwalk Resort</u>			
-090 (BDW-1)	Boiler	Cleaver Brooks	CBE-700-250
-090 (BDW-2)	Boiler	Cleaver Brooks	CBE-700-250
-091 (BDW-3)	HWG	Teledyne-L a ears ¹⁵	VW-4050-IN-09
-091 (BDW-4)	HWG	Teledyne-L a ears ¹⁵	VW-4050-IN-09
-091 (BDW-5)	HWG	Teledyne-L a ears ¹⁵	VW-4050-IN-09
-091 (BDW-6)	HWG	Teledyne-L a ears ¹⁵	VW-4500-IN-09
-091 (BDW-7)	HWG	Teledyne-L a ears ¹⁵	VW-4500-IN-09
-091 (BDW-8)	HWG	Teledyne-L a ears ¹⁵	PW-1430-IN-09
-091 (BDW-9)	HWG	Teledyne-L a ears ¹⁵	PW-1430-IN-09
-091 (BDW-10)	HWG	Rayback	P-3001
<u>Disney's Animal Kingdom</u>			
-103	Conservation Station Boiler	Teledyne-L a ears ¹⁵	2450
-104	Africa Support Building Boiler	Teledyne-L a ears ¹⁵	1825
-105	Cast Cafe[1.8] Boiler	Lochinvar	CHN-1800
-106	Tusker House Boiler	Ajax Boiler, Inc.	WNG-1750-DMR
-107	Restaurantsaurus Boiler	Teledyne-L a ears ¹⁵	Mighty Therm 1670
-108	Countdown to Extinction Boiler	Ajax Boiler, Inc.	WNG-1500-DMR
-109	Cast Cafe [1.26] HWG	Lochinvar	CFN-1260
-110	Safari Fare Boiler	Teledyne-L a ears ¹⁵	HH-1200
<u>Reedy Creek Energy Services Compost Facility</u>			
-111	Compost Facility Lundell Solid Waste Dryer	Eclipse Combustion	AH-160
<u>Disney's All Star Resort</u>			
-xxx	80 HWG	<i>Clarifications</i> unknown <u>Varies</u> ²²	unknown <u>Varies</u> ²²

This emissions unit grouping includes natural gas fired boilers, natural gas fired hot water generators, a propane fired solid waste dryer, and two natural gas oil heaters. All of the hot water generators listed were issued air construction permits and, probably, should have been exempted from permitting or classified as unregulated emissions units, as many are.

[Permitting notes: The laundry boilers are subject to 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units; the other boilers are regulated under Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators With Less Than 250 MMBtu Per Hour Heat Input; permitting of the diesel electric generators, the solid waste dryer, and the hot water generators was imposed under Rule 62-210.300, F.A.C., Permits Required.]

The following specific conditions apply to the emissions units listed above:

Essential Potential to Emit (PTE) Parameters

B.1. Permitted Capacity. The maximum operation rates are as follows:

<u>E.U./Facility I.D.</u>	<u>Brief Description</u>	<u>Permitted Capacity</u>
<i>North Service Area</i>		<u>MMBtu/hr Heat Input</u>
-020 (LBB-1a)	Laundry Boiler #1	39.6 (total: #1, #2 & #3)
-021 (LBB-1b)	Laundry Boiler #2	39.6 (total: #1, #2 & #3)
-022 (LBB-1c)	Laundry Boiler #3	39.6 (total: #1, #2 & #3)
-023 (LBB-2)	Laundry Boiler #4	7.8
<i>Disney's Grand Floridian Beach Resort</i>		<u>MMBtu/hr Heat Input</u>
-035 (GFR-1)	Main Bldg. Domestic Hot Water Generator (HWG) #1	2.5
-036 (GFR-2)	Main Bldg. Domestic HWG #2	2.5
-037 (GFR-3)	Seafood Restaurant Domestic HWG	2.5
-038 (GFR-4)	Main Bldg. Heating HWG #1	8.4
-039 (GFR-5)	Main Bldg. Heating HWG	8.4
-040 (GFR-6)	Lodge Bldg. No. 2, HWG #1	3.0
-041 (GFR-7)	Lodge Bldg. No. 2, HWG #2	3.0
-042 (GFR-8)	Lodge Bldg. No. 3, HWG #1	2.1
-043 (GFR-9)	Lodge Bldg. No. 3, HWG #2	2.1
-044 (GFR-10)	Lodge Bldg. No. 4, HWG #1	3.0
-045 (GFR-11)	Lodge Bldg. No. 4, HWG #2	3.0
-046 (GFR-12)	Lodge Bldg. No. 5, HWG #1	3.5
-047 (GFR-13)	Lodge Bldg. No. 5, HWG #2	3.5
-048 (GFR-14)	Lodge Bldg. No. 6, HWG #1	3.5
-049 (GFR-15)	Lodge Bldg. No. 6, HWG #2	3.5
-050 (GFR-16)	Swimming Pool HWG	2.1
-051 (GFR-17)	Main Bldg. Kitchen HWG #1	0.7
-052 (GFR-18)	Main Bldg. Kitchen HWG #2	0.7

<u>E.U./Facility I.D.</u>	<u>Brief Description</u>	<u>Permitted Capacity</u>
<u>Disney Center's Studio Tours</u>		<u>MMBtu/hr Heat Input</u>
-053 (STB-1)	Studio HWG	1.3
-054 (STB-2A)	Studio HWG	1.6
-054 (STB-2B)	Studio HWG	1.3
-055 (STB-3)	Studio HWG	1.3
-056 (STB-4)	Studio HWG	1.9
-057 (STB-5)	Studio HWG	1.3 1.2 ²³
-058 (STB-6)	Studio HWG	2.7 2.5 ²³
-059 (STB-7)	Studio HWG	1.3
-060 (STB-8)	Studio HWG	1.3
<u>North Service Area</u>		<u>MMBtu/hr Heat Input</u>
-072 (LAU-1)	Laundry Oil Heater #1	26 (total: #1 & #2)
-072 (LAU-2)	Laundry Oil Heater #2	26 (total: #1 & #2)
<u>Disney's Blizzard Beach</u>		<u>MMBtu/hr Heat Input</u>
-083 (BB-1)	Boiler	1.38
-084 (BB-2)	Boiler	1.38
-085 (BB-3)	HWG	6.5
-086 (BB-4)	HWG	6.5
-087 (BB-5)	HWG	1.5
<u>Construction Landfill</u>		<u>MMBtu/hr Heat Input</u>
-089 (CL-1)	Diesel Electric Generator #1	0.155
-089 (CL-2)	Diesel Electric Generator #2	0.057
<u>Disney's Boardwalk Resort</u>		<u>MMBtu/hr Heat Input</u>
-090 (BDW-1)	Boiler	10.46
-090 (BDW-2)	Boiler	10.46
-091 (BDW-3)	HWG	4.05
-091 (BDW-4)	HWG	4.05
-091 (BDW-5)	HWG	4.05
-091 (BDW-6)	HWG	4.5
-091 (BDW-7)	HWG	4.5
-091 (BDW-8)	HWG	1.43
-091 (BDW-9)	HWG	1.43
-091 (BDW-10)	HWG	3.4
<u>Disney's Animal Kingdom</u>		<u>MMcft/rolling 12-mths</u>
-103	Conservation Station Boiler	21.5
-104	Africa Support Building Boiler	16.0
-105	Cast Cafe [1.8] Boiler	15.8
-106	Tusker House Boiler	15.3
-107	Restaurantosaurus Boiler	14.6
-108	Countdown to Extinction Boiler	13.1
-109	Cast Cafe [1.26] HWG	11.0
-110	Safari Fare Boiler	10.5

*Corrects
Typographical
errors*

<u>E.U./Facility I.D.</u>	<u>Brief Description</u>	<u>Permitted Capacity</u>
<u>Reedy Creek Energy Services</u> <u>Compost Facility</u> -111	Compost Facility Lundell Solid Waste Dryer	<u>Gallons/rolling 12-mths</u> 383 x 10 ³
<u>Disney's All Star Resort</u> -xxx	80 HWG	<u>MMBtu/year</u> 925,000 (total)

[AC48-149215; AC48-151515; AC48-156350; AC48⁷-236247; AC48-243687; AC48-264605; AC48-268376; AC48-271849; 0950111-011-AC; and, Rules 62-4.070, 62-210.200(PTE) and 62-296.406(2) & (3), F.A.C.]

Correction

B.2. Emissions Unit Operating Rate Limitation After Testing. See specific condition **B.12.**
[Rule 62-297.310(2), F.A.C.]

B.3. Methods of Operation - Fuels.

- a. Unless stated, the hot water generators are allowed to fire natural gas only.
- b. For the All Star Resort hot water generators and the North Service Area Laundry Oil Heaters, the only fuels allowed to be fired are natural gas or propane.
- c. For the Blizzard Beach and North Service Area Laundry boilers, the only fuel allowed to be fired is natural gas.
- d. For the Reedy Creek Energy Services Compost Facility solid waste dryer, the only fuel allowed to be fired is propane.
- e. For the Ft. Wilderness Lodge and Construction Landfill diesel electric generators, the only fuel allowed to be fired is new No. 2 distillate fuel oil.

[AC48-149215; AC48-151515; AC48-156350; AC48-243687; AC48⁷-236247; AC48-264605; *Correction* AC48-268376; AC48-271849; 0950111-011-AC; and, Rules 62-296.406(2) & (3), F.A.C.]

B.4. Hours of Operation.

- a. Unless stated, the emissions units may operate continuously, i.e., 8760 hours/year.
- b. For the Grand Floridian Hotel diesel electric generator, the maximum hours of operation are 312 hrs/yr.

[AC48-149215; AC48-151515; AC48-156350; AC48⁷-236247; AC48-243687; AC48-264605; *Correction* AC48-268376; AC48-271849; 0950111-011-AC; and, Rule 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

B.5. Visible Emissions.

- a. Visible emissions from each Blizzard Beach and Boardwalk boiler shall not exceed 20 percent opacity, except for one 2-minute period per hour during which opacity shall not exceed 40 percent.
- b. Visible emissions from each Animal Kingdom boiler shall not exceed 20 percent opacity, except for one 6-minute period per hour during which opacity shall not exceed 27 percent.
- c. Visible emissions from the diesel electric generators, hot water generators, laundry oil heaters and solid waste dryer, shall be less than 20 percent opacity.
- d. Visible emissions from each laundry boiler shall not exceed 5% opacity.

Correction

[AC48-149215; AC48-151515; AC48-156350; AC48⁹⁷-236247; AC48-243687; AC48-268376; AC48-264605; 0950111-011-AC; and, Rules 62-296.406(1) and 62-296.320(4)(b)1., F.A.C.]

B.6. Particulate Matter and Sulfur Dioxide. From the steam boilers, particulate matter and sulfur dioxide emissions shall be controlled by the firing of natural gas or propane.
[AC48-156350; AC48-264605; 0950111-011-AC; and, Rule 62-296.406(2) & (3), F.A.C.]

Excess Emissions

B.7. Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

B.8. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

Monitoring of Operations

B.9. Determination of Process Variables.

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

Test Methods and Procedures

B.10. Visible emissions.

a. Unless stated and for the boilers, the test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C. See specific conditions B.11. and B.13.

b. For the diesel electric generators, hot water generators, laundry boilers, laundry oil heaters and the solid waste dryer, the test method shall be EPA Method 9, in accordance with Chapter 62-297, F.A.C.

c. The visible emissions shall be conducted for 60-minutes for each boiler.

d. The visible emissions shall be conducted for 30-minutes for the diesel electric generators, hot water generators, laundry oil heaters, and the solid waste dryer.

[AC48-149215; AC48-151515; AC48-156350; AC48⁷-236247; AC48-243687; AC48-264605; *Correction*
AC48-268376; 0950111-011-AC; and, Rules 62-213.440, 62-296.320(4)(b)4., and 62-297.401,
F.A.C.]

B.11. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.
2. EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 percent opacity, except that an opacity of 40 percent is permissible for not more than two minutes per hour) opacity shall be computed as follows:
 - a. For the basic part of the standard (i.e., 20 percent opacity) the opacity shall be determined as specified above for a single-valued opacity standard.
 - b. For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value. [Rule 62-297.401, F.A.C.]

B.12. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

B.13. Applicable Test Procedures.

(a) Required Sampling Time.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate

matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

- c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

[Rule 62-297.310(4)(a)2.c., F.A.C.]

B.14. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

- a. Did not operate; or
- b. In the case of a fuel burning emissions unit, burned liquid fuel for a total of no more than 400 hours.

4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

- a. Visible emissions, if there is an applicable standard;

9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

(b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; and, SIP approved]

B.15. By this permit, annual emissions compliance testing for visible emissions is not required for these emissions units while burning:

- a. only gaseous fuel(s); or
- b. gaseous fuel(s) in combination with any amount of liquid fuel(s) for less than 400 hours per year; or
- c. only liquid fuel(s) for less than 400 hours per year.

[Rule 62-297.310(7)(a)4., F.A.C.]

Record keeping and Reporting Requirements

B.16. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

B.17. Test Reports.

(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.

(b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

[Rule 62-297.310(8), F.A.C.]

B.18. For each emissions unit, the permittee shall maintain a monthly log of the hours operated and the amount of fuel fired.

[Rules 62-4.070 and 62-213.440, F.A.C.; AC48-149215; AC48-151515; AC48-156350; AC48⁹⁷-236247; AC48-243687; AC48-264605; AC48-268376; AC48-271849; and, 0950111-011-AC] *Correction*

B.19. The type of fuel and the heat input to each emissions unit shall be included on the visible emissions test report.

[Rule 62-213.440, F.A.C.; AC48-149215; AC48-151515; AC48-156350; AC48⁹⁷-236247; AC48-243687; AC48-264605; AC48-268376; AC48-271849; and, 0950111-011-AC] *Correction*

B.20. The owner or operator of each affected emissions unit (laundry boilers) shall record and maintain records of the amounts of natural gas combusted during each day. The records shall be retained for a period of at least five years following the date of such record.

[40 CFR 60.48c(g) & (h); and, Rule 62-213.440, F.A.C.]

Miscellaneous

B.21. Each emissions unit shall be tested for visible emissions within 30 days after being placed in operation. The tests shall last 60-minutes for each boiler and 30-minutes for the hot water generators and solid waste dryer.

[Rule 62-213.440, F.A.C.; AC48-149215; AC48-151515; AC48⁹⁷-236247; AC48-264605; AC48-268376; AC48-271849; and, 0950111-011-AC] *Correction*

Section III. Emissions Units.

Subsection C. This section addresses the following emissions units.

<u>E.U./Facility I.D.</u>	<u>Brief Description</u>	<u>Manufacturer</u>	<u>Model</u>
<i>EPCOT Central Energy Plant</i>			
-079 (EPCOT DG-1)	Diesel Electric Generator #1 (2.5 MW)	Stewart & Stevenson	S-20-645-E4B
-080 (EPCOT DG-2)	Diesel Electric Generator #2 (2.5 MW)	Stewart & Stevenson	S-20-645-E4B

These emissions units are identical 3,600 horsepower large bore diesel engines, equipped with a 2.5 megawatt generator, Model TBGZHJ. Each generator provides peak demand reduction and emergency standby power. Each emissions unit is permitted to fire new No. 2 distillate fuel oil only.

[Permitting notes: The diesel electric generators were issued permits pursuant to Rule 62-210.300, Permits Required.]

The following specific conditions apply to the emissions units listed above:

Essential Potential to Emit (PTE) Parameters

C.1. Permitted Capacity. The maximum operation rates are as follows:

<u>E.U./Facility I.D.</u>	<u>Brief Description</u>	<u>Permitted Capacity</u> <u>megawatts/hr</u>
<i>EPCOT Central Energy Plant</i>		
-079 (EPCOT DG-1)	Diesel Electric Generator #1 (2.5 MW)	2.5
-080 (EPCOT DG-2)	Diesel Electric Generator #2 (2.5 MW)	2.5

[AC48-105243 and AC48-106650; and, Rule 62-210.200(PTE), F.A.C.]

C.2. Emissions Unit Operating Rate Limitation After Testing. See specific condition C.18. [Rule 62-297.310(2), F.A.C.]

C.3. Methods of Operation - Fuels. The only fuel allowed to be fired is new No. 2 distillate fuel oil. [AC48-105243 and AC48-106650; and, Rule 62-213.410, F.A.C.]

C.4. Hours of Operation. Each emissions unit is allowed to operate 1900 hrs/yr. [AC48-105243 and AC48-106650; and, Rule 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

C.5. Visible Emissions.

a. Visible emissions from the diesel electric generators shall be less than 20 percent opacity. [AC48-105243 and AC48-106650; and, Rule 62-296.320(4)(b)1., F.A.C.]

C.6. The emissions from each diesel electric generator shall not exceed the following:

<u>Pollutant</u>	<u>Allowables</u> <u>lbs/hr</u>	<u>Allowables</u> <u>TPY</u>
Particulate Matter	10.0	9.5
Sulfur Dioxide	14.5	14.0
Nitrogen Oxides	126.0	126.0
Carbon Monoxide	1.5 2.9 ²⁴	2.8
Volatile Organic Compounds	2.1	2.0

*Per June, 1995 change to
PSDFL-123 and AC48-
137740*

[AC48-105243 and AC48-106650]

C.7. **Sulfur Dioxide - Sulfur Content.** The sulfur content of the new No. 2 distillate fuel oil shall not exceed 0.5%, by weight. Firing low sulfur fuel oil negates the need to conduct any SO₂ mass tests. See specific conditions C.11. and C.15.

[AC48-105243 and AC48-106650]

Excess Emissions

C.8. Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

C.9. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

Monitoring of Operations

C.10. Determination of Process Variables.

(a) **Required Equipment.** The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) **Accuracy of Equipment.** Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank

scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

C.11. Monitoring - Fuel Oil. The fuel oil shall be analyzed each time fuel oil is transferred to the storage tank. In lieu of conducting sampling and analysis at the time of each delivery of new fuel oil, the permittee can accept a fuel oil analysis from the vendor upon each delivery and the records shall be retained for a minimum of 5 years. See specific conditions C.7. and C.15.

[Rule 62-213.440, F.A.C.; AC48-105243 and AC48-106650]

Test Methods and Procedures

C.12. Visible emissions.

a. For the diesel electric generators, the test method shall be EPA Method 9 in accordance with Chapter 62-297, F.A.C.

[Rules 62-296.320(4)(b)4. and 62-297.401, F.A.C.; and, AC48-105243 and AC48-106650]

C.13. Particulate Matter. EPA Method 5 shall be used to demonstrate compliance with particulate matter emissions limit in accordance with Chapter 62-297, F.A.C., if the visible emissions are equal to or greater than 20% opacity. If a test is required, then a visible emissions test shall be conducted concurrently with each particulate matter emissions test.

[Rule 62-297.401, F.A.C.; and, AC48-105243 and AC48-106650]

C.14. Nitrogen Oxides (NO_x). Annually, EPA Method 20 shall be used to demonstrate compliance with the NO_x emissions limit in accordance with Chapter 62-297, F.A.C. A visible emissions test shall be conducted concurrently with each NO_x emissions test.

[Rule 62-297.401, F.A.C.; and, AC48-105243 and AC48-106650]

C.15. The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition. See specific conditions C.7. and C.11.

[Rules 62-213.440 and 62-297.440, F.A.C.]

C.16. Carbon Monoxide. The firing of low sulfur fuel oil and proper operation of the emissions units negates the need to conduct a mass emissions test for carbon monoxide.

[Rule 62-297.310(7), F.A.C.; and, AC48-105243 and AC48-106650]

C.17. Volatile Organic Compounds. The firing of low sulfur fuel oil and proper operation of the emissions units negates the need to conduct a mass emissions test for volatile organic compounds.

[Rule 62-297.310(7), F.A.C.; and, AC48-105243 and AC48-106650]

C.18. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted.

Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

C.19. Calculation of Emission Rate. The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the separate test runs unless otherwise specified in a particular test method or applicable rule.

[Rule 62-297.310(3), F.A.C.]

C.20. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

(b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

(c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.

(d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1 (attached).

(e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.

[Rule 62-297.310(4), F.A.C.]

C.21. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.

[Rule 62-297.310(6), F.A.C.]

C.22. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

2. For excess emission limitations for particulate matter specified in Rule 62-210.700, F.A.C., a compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emissions unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator does not burn liquid fuel for more than 400 hours other than during startup.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

- a. Did not operate; or
- b. In the case of a fuel burning emissions unit, burned liquid fuel for a total of no more than 400 hours.

4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

- a. Visible emissions, if there is an applicable standard;
- b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
- c. Each NESHAP pollutant, if there is an applicable emission standard.

5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid fuel, other than during startup, for a total of more than 400 hours.

9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

(b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than

the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.
[Rule 62-297.310(7), F.A.C.; and, SIP approved]

C.23. Annual and permit renewal compliance testing for particulate matter emissions is not required for these emissions units while burning only liquid fuel(s) for less than 400 hours per year.
[Rules 62-297.310(7)(a)3. & 5., F.A.C.; and, ASP Number 97-B-01.]

Record keeping and Reporting Requirements

C.24. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.
[Rule 62-210.700(6), F.A.C.]

C.25. Test Reports.

(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.

(b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

[Rule 62-297.310(8), F.A.C.]

C.26. For each emissions unit, the permittee shall maintain a log of the hours operated and the amount of fuel fired.

[Rules 62-4.070 and 62-213.440, F.A.C.]

C.27. The type of fuel and the heat input to each emissions unit shall be included on the visible emissions test report.

[Rule 62-213.440, F.A.C.; and, AC48-105243 and AC48-106650]

Section III. Emissions Units.

Subsection D. This section addresses the following emissions units.

<u>E.U./Facility I.D.</u>	<u>Brief Description</u>	<u>Model</u>
<i>North Service Area</i>		
-007 (NSA-1)	NSA Paint Spray Booth (PSB) #1	unknown
-008 (NSA-2)	NSA PSB #2	unknown
-009 (NSA-3)	NSA PSB #3	unknown
-010 (NSA-5)	NSA Staff Shop PSB #1	unknown
-011 (NSA-6)	NSA Staff Shop PSB #2	unknown
-012 (NSA-7)	NSA Water Wash Plastisol PSB #1; includes a natural gas fired curing oven	unknown

Note: All of the paint spray booths are equipped with paint arrestor type filters to control particulate matter and visible emissions.

The NSA PSB #1 will be used to coat a variety of objects including vehicles, wooden furniture, trash cans, ride components, posts and frames using two part polyurethane, two part acrylic, two part epoxy primers, and other primer coatings. The PSB will be equipped with two Binks Model 30-4313 exhaust fans and Binks Model 29-893 paint arrestor type filters. [AC48-75833; and, AC48-108740]

The NSA PSBs #2 & #3 will be used to coat a variety of objects including vehicles, wooden furniture, trash cans, ride components, posts and frames using two part polyurethane, two part acrylic, two part epoxy primers, and other primer coatings. The PSB will be equipped with two Binks Model 30-4418 exhaust fans and Binks Model 29-893 paint arrestor type filters. [AC48-75834 & AC48-75835; and, AC48-108741 & AC48-108742]

The NSA Staff Shop PSB #1 will be used to spray polyester resin, lacquer based coatings and polyvinyl alcohol on fiberglass objects and molds. The PSB will be a Binks Model PPF with Model 30-800 fans. The particulate matter filters will have an efficiency of 80% for lacquers and 95% for two part high particulate coating systems. [AC48-75836; and, AC48-108743]

The NSA Staff Shop PSB #2 will be used to spray polyester resin, lacquer based coatings and polyvinyl alcohol on fiberglass objects and molds. The PSB will be equipped with a New York Model 548-1 blower and Particulate matter filters with an efficiency of 80% for lacquers and 95% for two part high particulate coating systems. [AC48-75837; and, AC48-108744]

The NSA Water Wash Plastisol PSB #1 will consist of a spray booth and a curing oven. The PSB will be used to spray solvated vinyl plastisol on fiberglass objects and molds. The PSB will be equipped with a fan and a no pump dyna-precipitator water wash filtering system. The curing oven will be equipped with a fan and be fired by natural gas with an exit temperature of 350°F. [AC48-75838; and, AC48-108745]

{Permitting note(s): The paint spray booths are regulated under Rule 62-296.320(1), F.A.C., General Pollutant Emission Limiting Standards, Volatile Organic Compounds (VOC) or Organic Solvent Emissions.}

The following specific conditions apply to the emissions units listed above:

Essential Potential to Emit (PTE) Parameters

D.1. The maximum hours of operation are as follows:

<u>E.U./Facility I.D.</u>	<u>Allowable hours/year</u>
<i>North Service Area</i>	
-007 (NSA-1)	4160
-008 (NSA-2)	4160
-009 (NSA-3)	4160
-010 (NSA-5)	2080
-011 (NSA-6)	2080
-012 (NSA-7)	2080

[AC48-108740 - 45; Rules 62-4.070 and 62-210.200(PTE), F.A.C.]

D.2. Methods of Operation - Fuel. The curing oven associated with the NSA Water Wash Plastisol PSB #1 is allowed to fire natural gas only.

[AC48-108745; and, Rule 62-213.410, F.A.C.]

Emission Limitations and Standards

D.3. The maximum allowable emissions limitations are as follows:

<u>E.U./Facility I.D.</u>	<u>Visible Emissions</u>	<u>Particulate Matter</u>		<u>Volatile Organic Compounds</u>	
	<u>Opacity %</u>	<u>lbs/hr</u>	<u>TPY</u>	<u>lbs/hr</u>	<u>TPY</u>
<i>North Service Area</i>					
-007 (NSA-1)	5	0.125	or 0.19	0.89	or 2.82
-008 (NSA-2)	5	0.250	or 0.38	1.77	or 5.65
-009 (NSA-3)	5	0.250	or 0.38	3.54	or 5.65
-010 (NSA-5)	5	0.02	or 0.02	0.08	or 0.08
-011 (NSA-6)	5	0.04	or 0.16	0.61	or 0.63
-012 (NSA-7)	5	0.07	or 0.08	0.49	or 0.53

[AC48-108740 - 45]

D.4. For the curing oven, the stack temperature shall not exceed 350°F.

[AC48-108745]

Test Methods and Procedures

D.5. Visible emissions. The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C. See specific condition D.6.
[Rules 62-213.440 and 62-297.401, F.A.C.; and, AC48-108740 - 45]

D.6. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.
2. EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 percent opacity, except that an opacity of 40 percent is permissible for not more than two minutes per hour) opacity shall be computed as follows:
 - a. For the basic part of the standard (i.e., 20 percent opacity) the opacity shall be determined as specified above for a single-valued opacity standard.
 - b. For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value.
[Rule 62-297.401, F.A.C.; and, AC48-108740 - 45]

D.7. Volatile Organic Compounds (VOCs). The VOC content of all coatings and solvents used in each spray booth, demonstrated by manufacturer's specification or EPA Method 24, shall be submitted to the Department.
[Rule 62-297.401, F.A.C.; and, AC48-108740 - 45]

D.8. Operating Rate During Testing.

- a. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.
- b. Since there is not a permitted capacity for these emissions units, then in the case of the PSBs and associated activities, the operating rate during testing means that an emissions unit is actually operating.

[Rules 62-297.310(2) & (2)(b) and 62-4.070²⁶, F.A.C.]

D.9. Applicable Test Procedures.

(a) Required Sampling Time.

2. **Opacity Compliance Tests.** When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

- c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

[Rule 62-297.310(4)(a)2.c., F.A.C.]

D.10. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

- a. Did not operate;

4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

- a. Visible emissions, if there is an applicable standard;

9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

(b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than

the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.
[Rule 62-297.310(7), F.A.C.; and, SIP approved]

D.11. By this permit, annual emissions compliance testing for visible emissions is not required for any emissions unit while burning only gaseous fuel(s).
[Rule 62-297.310(7)(a) 4., F.A.C.]

Record keeping and Reporting Requirements

D.12. Test Reports.

(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.

(b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

[Rule 62-297.310(8), F.A.C.]

D.13. For each emissions unit, the permittee shall maintain a daily log of the hours operated and the amount of coatings and solvents used and the results submitted to the Department quarterly.

[Rule 62-213.440, F.A.C.; and, AC48-108740 - 45]

Miscellaneous

D.14.²⁰ There shall be no discharges of liquid effluents or contaminated runoff to surface or ground water without approval from the Department.

[AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AO48-155895; AO48-172592; AO48-172594; and AO48-183381]⁹

Moved from facility wide requirements to this section

D.15.²⁰ This permit does not preclude compliance with any applicable local program permitting requirements and regulations.

[AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AO48-155895; AO48-172592; AO48-172594; and AO48-183381]¹⁰

Moved from facility wide requirements to this section

Section III. Emissions Unit(s) and Conditions.

Subsection E. This section addresses the following emissions units.

<u>E.U./Facility I.D.</u>	<u>Brief Description</u>	<u>Model</u>
<u>North Service Area</u>		
-013 (NSA-4)	NSA Metalizing PSB	Binks: WE-20-7-T
-014 (NSA-8)	NSA Lofting Building PSB	Binks: PFA-20-12-T-LH
-015 (NSA-9)	NSA Paint Shop PSB #4	Binks: PFF-16-10-T-LH
-016 (NSA-10)	NSA Paint Shop PSB #5	Binks: PFF-16-10-T-LH
-017 (NSA-11)	NSA Character Head Spray Box	Binks: PFA-6-8-T-LH
-019 (NSA-12)	NSA Artist's Preparation Shop PSB	Binks: PFF-5-8-T-LH
-025 (NSA-14)	NSA Central Shop Paint Mixing Stations (7)	Fellon-Pinchon: 23-39-00
-027 (NSA-15)	NSA Paint Shop PSB #6	DB-1210-S
<u>Disney-MGM Studio Tours</u>		
-061 (MGM-10)	Studio Craft PSB	Binks: PFF-8-7-T-LH
<u>Buena Vista Construction</u>		
-062 (BVC-1)	PSB	DeVilbiss: DF
<u>Lake Buena Vista Community Village</u>		
-063 (LBV-1)	PSB #1	DeVilbiss: LF-519
-064 (LBV-2)	PSB #2	Binks: SSF-6-3-1
<u>Disney Village</u>		
-065 (VM-3)	Marketplace PSB	
<u>Ft. Wilderness/Golf Course</u>		
-066 (FWR-4)	PSB	Binks: SSF-510-30-50-TRB
<u>Disney's Yacht & Beach Club</u>		
-067 (YBC-3)	PSB	Binks: PFF-10-8-T-LH
<u>EPCOT Center</u>		
-068 (EP-1)	Maintenance PSB	Binks: SSF-531
-069 (EP-2)	Display PSB	Binks: PBF-6-T
-070 (EP-3)	Marina PSB	
<u>South Service Area</u>		
-071 (SSA-1)	Traffic Control Equipment PSB	JB I Dry Filter: 8049-EK
<u>Magic Kingdom</u>		
-075 (MK-1)	PSB #1	Binks: PFA-6-8-T-LH
-093 (MK-2)	PSB #2	J.B.I.: IDB-148-S

<u>E.U./Facility I.D.</u>	<u>Brief Description</u>	<u>Model</u>
<u>Boardwalk Resort</u> -094 (BR-1)	PSB #1	IDB-108PSB-5
<u>Coronado Springs Resort</u> -102 (CSR-1)	PSB #1	Binks: PFF-12-8-T-LH
<u>All Star Resort</u> -xxx (ASR-1)	PSB #1	Binks: PFF-12-8-T-LH

Note: All of the paint spray booths are equipped with paint arrestor type filters to control particulate matter and visible emissions; and, they are capable of removing more than 95% of particulate matter less than 1 micron.

The paint spray booths and associated activities will be used to coat a variety of objects for fabrication and maintenance.

{Permitting note(s): The paint spray booths are regulated under Rule 62-296.320(1), F.A.C., General Pollutant Emission Limiting Standards, Volatile Organic Compounds (VOC) or Organic Solvent Emissions. }

The following specific conditions apply to the emissions units listed above:

Essential Potential to Emit (PTE) Parameters

E.1. The maximum hours of operation are as follows:

<u>E.U./Facility I.D.</u>	<u>Allowable hours/year</u>
<u>North Service Area</u>	
-013 (NSA-4)	4160
-014 (NSA-8)	4160
-015 (NSA-9)	4160
-016 (NSA-10)	4160
-017 (NSA-11)	4160
-019 (NSA-12)	4160
-025 (NSA-14)	2496
-027 (NSA-15)	4160
<u>Disney-MGM Studio Tours</u>	
-061 (MGM-10)	4160
<u>Buena Vista Construction</u>	
-062 (BVC-1)	4160

<u>E.U./Facility I.D.</u>	<u>Allowable hours/year</u>
<u>Lake Buena Vista Community Village</u>	
-063 (LBV-1)	4160
-064 (LBV-2)	4160
<u>Disney Village</u>	
-065 (VM-3)	5840
<u>Ft. Wilderness/Golf Course</u>	
-066 (FWR-4)	4160
<u>Disney's Yacht & Beach Club</u>	
-067 (YBC-3)	4160
<u>EPCOT Center</u>	
-068 (EP-1)	4160
-069 (EP-2)	4160
-070 (EP-3)	3120
<u>South Service Area</u>	
-071 (SSA-1)	2080
<u>Magic Kingdom</u>	
-075 (MK-1)	4160
-093 (MK-2)	8760
<u>Boardwalk Resort</u>	
-094 (BR-1)	8760
<u>Coronado Springs Resort</u>	
-102 (CSR-1)	5840
<u>All Star Resort</u>	
-xxx (ASR-1)	4160

[Rule 62-210.200(PTE), F.A.C.; AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AC48-156346; AC48-166499; AC48-179648; AC48-179649; AC48-205018; AC48-243981; 0950111-003-AC; 0950111-008-AC; AO48-183381; and, AO48⁹⁷-254323] *Correction*

Emission Limitations and Standards

E.2. The maximum allowable emissions and/or usage limitations are as follows:

<u>E.U./Facility I.D.</u>	<u>VE</u> <u>Opacity %</u>	<u>VOC</u>		<u>PM</u>		
<u>North Service Area</u>		<u>TPY</u>		not applicable (NA)		
-013 (NSA-4)	<20	2.54		NA		
-014 (NSA-8)	<20	15.0		NA		
-015 (NSA-9)	<20	2.19		NA		
-016 (NSA-10)	<20	2.19		NA		
-017 (NSA-11)	<20	0.94		NA		
-019 (NSA-12)	<20	1.02		NA		
-025 (NSA-14)	5	2.2		NA		
		<u>Per Station</u>		NA		
		<u>lb/hr</u>	<u>TPY</u>			
-027 (NSA-15)	5	0.13	0.17	NA		
<u>Disney-MGM Studio Tours</u>		<u>TPY</u>		NA		
-061 (MGM-10)	<20	1.01		NA		
<u>Buena Vista Construction</u>		<u>TPY</u>		NA		
-062 (BVC-1)	<20	7.73		NA		
<u>Lake Buena Vista Community Village</u>		<u>TPY</u>		NA		
-063 (LBV-1)	<20	14.8		NA		
-064 (LBV-2)	<20	10.5		NA		
<u>Disney Village</u>		<u>Usage Rate</u>		NA		
-065 (VM-3)	<20	1 gal/hr paint or primer		NA		
<u>Ft. Wilderness/Golf Course</u>		<u>lbs/hr</u>	<u>TPY</u>	<u>lb/hr</u>	<u>TPY</u>	
-066 (FWR-4)	<20	2.10	1.45 ¹	0.17	0.12 ¹	
<u>Disney's Yacht & Beach Club</u>		<u>lbs/hr</u>	<u>TPY</u>	<u>lb/hr</u>	<u>TPY</u>	
-067 (YBC-3)	5	6.0	12.3	0.10	0.35	
<u>EPCOT Center</u>		<u>TPY</u>		NA		
-068 (EP-1)	<20	11.4		NA		
-069 (EP-2)	<20	0.06		NA		
-070 (EP-3)	<20	<u>lbs/mth</u>	<u>TPY</u>	<u>lb/hr</u>	<u>lbs/mth</u>	<u>TPY</u>
		166.0	0.93	0.05	14.0	0.08
		<u>Usage Rate</u> ²				
		30 gals/mth; 300 gals/yr				
<u>South Service Area</u>		<u>Usage Rate</u>		NA		
-071 (SSA-1)	<20	<2.5 lbs/hr total of Delstar enamel and/or Xymax 66 polyurethane		NA		

<u>E.U./Facility LD.</u>	<u>VE</u>	<u>VOC</u>	<u>PM</u>
	Opacity %		
<u>Magic Kingdom</u>		TPY	
-075 (MK-1)	<20	0.52	NA
-093 (MK-2)	<20	12-mth rolling avg	NA
		2.3 tons	
		730 gals of coatings	
<u>Boardwalk Resort</u>		12-mth rolling avg	
-094 (BR-1)	<20	3.1 tons	NA
		730 gals of coatings	NA
<u>Coronado Springs Resort</u>		12-mth rolling avg	
-102 (CSR-1)	<20	3.7 tons VOC	NA
		3.7 tons single HAPs ³	
		3.7 tons total HAPs ³	
		1500 gals of coatings	
<u>All Star Resort</u>		Usage Rate	
-xxx (ASR-1)	<20	≤2 gals/hr of paint or primer	NA

[AC48-151472; AC48-151504; AC48-151507; AC48-151509; AC48-151510; AC48-156346; AC48-166499; AC48-179648; AC48-179649; AC48-243981; 0950111-003-AC; 0950111-008-AC; AO48-183381; AO48⁷-254323; and, Rule 62-296.320(4)(b)1., F.A.C.] *Correction*

¹ The annual emissions account for intermittent spraying of paint, while the hourly emissions are based on continuous spraying.

² The values are a maximum aggregate total material utilization rate of paint, thinners, and clean-up solvents. The monthly emission limit shall be demonstrated using a monthly material inventory data, while compliance with the annual emission limit shall be demonstrated using a 12-month rolling average, based on the inventory basis.

³ **Not federally enforceable.**

E.3. For emissions units NSA-4, -8 thru -12, MGM-10, BVC-1, LBV-1 & -2, VM-3, EP-1 thru -3, SSA-1, MK-1, and All Star Resort PSB #1, the air velocity at the PSB filter face shall not exceed 250 ft/min.

[AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AC48-166499; AC48-205018; AC48-243981; and, AO48⁷-254323]*Correction*

Monitoring of Operations

E.4. For the emissions units MGM-10, BVC-1, LBV-1 & -2, VM-3, EP-1 thru -3, SSA-1, MK-1, and All Star Resort PSB #1, each PSB and its dry filter must be properly operated and maintained.

[AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AC48-166499; AC48-205018; AC48-243981; and, AO48⁷-254323]*Correction*

E.5. Visible emissions. The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C. See specific condition E.6.
[Rules 62-213.440, 62-296.320(4)(b)4., and 62-297.401, F.A.C.; AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AC48-156346; AC48-166499; AC48-179648; AC48-179649; AC48-205018; AC48-243981; AO48-183381; and, AO48⁷-254323] *Correction*

Correction

E.6. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.
2. EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 percent opacity, except that an opacity of 40 percent is permissible for not more than two minutes per hour) opacity shall be computed as follows:
 - a. For the basic part of the standard (i.e., 20 percent opacity) the opacity shall be determined as specified above for a single-valued opacity standard.
 - b. For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value.
[Rule 62-297.401, F.A.C.; AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AC48-156346; AC48-166499; AC48-179648; AC48-179649; AC48-205018; AC48-243981; AO48-183381; and, AO48⁷-254323] *Correction*

E.7. Particulate Matter. Due to the nature of the emissions (over coating spray), the low potential emissions (both particulate matter and visible emissions), and the control systems (paint arrestor filters) associated with the PSB, no particulate matter emissions test is required for compliance demonstration and unless the visible emissions standard is violated.
[Rule 62-297.310(7), F.A.C.]

E.8. Volatile Organic Compounds (VOCs). The VOC content of all coatings and solvents used in each spray booth shall be demonstrated by manufacturer's specification and material balance or EPA Method 24, and made available to the Department upon request.
[Rules 62-213.440 and 62-297.401, F.A.C.; AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AC48-156346; AC48-166499; AC48-179648; AC48-

Correction

179649; AC48-205018; AC48-243981; 0950111-003-AC; 0950111-008-AC; and, AO489⁷-254323]

E.9. Operating Rate During Testing.

- a. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.
- b. Since there is not a permitted capacity for these emissions units, then in the case of the PSBs and associated activities, the operating rate during testing means that an emissions unit is actually operating.

[Rules 62-297.310(2) & (2)(b) ~~and 62-4.070~~²⁵, F.A.C.]

E.10. Applicable Test Procedures.

(a) Required Sampling Time.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

- c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

[Rule 62-297.310(4)(a)2.c., F.A.C.]

E.11. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

- a. Did not operate;
4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:
- a. Visible emissions, if there is an applicable standard;

9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

(b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; and, SIP approved]

Record keeping and Reporting Requirements

E.12. Test Reports.

(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.

(b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

[Rule 62-297.310(8), F.A.C.]

E.13. For each emissions unit, the permittee shall maintain a daily log of the hours operated and the amount of coatings and solvents used and the results submitted to the Department quarterly.

[Rule 62-213.440, F.A.C.; AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-501509; AC48-151510; AC48-156346; AC48-166499; AC48-179648; AC48-179649; AC48-205018; AC48-243981; 0950111-003-AC; 0950111-008-AC; AO48-183381; AO48⁷-254323]

Correction

E.14. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. Reasonable precautions to minimize VOC/OS emissions are:

- a. Cover tightly or close all VOC/OS containers when they are not in use;
- b. Cover tightly, where possible, all open troughs, basins, baths, tanks, etc., when they are not in use;
- c. Maintain all piping, valves, fittings, etc., in good operating condition;
- d. Prevent excessive air turbulence across exposed VOC/OS;

- e. Immediately confine and clean up VOC/OS spills and make sure certain wastes are placed in closed containers for reuse, recycling or proper disposal; and,
- f. Maintain a monthly accounting of each VOC/OS used based on beginning and ending inventories, deliveries, and shipments off-property (recycling or disposal).
- g. **Not federally enforceable.** Also, for the Coronado Springs Resort PSB #1, maintain a monthly accounting of each HAP (hazardous air pollutant) used based on beginning and ending inventories, deliveries, and shipments off-property (recycling or disposal).

[Rule 62-296.320(1)(a), F.A.C.; AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AC48-156346; AC48-166499; AC48-179648; AC48-179649; AC48-205018; AC48-243981; 0950111-003-AC; 0950111-008-AC; AO48-183381; and, AO48⁹-254323] *Correction*

E.15. For the Coronado Spring Resort PSB #1, documentation of each chemical reclaimed shall use a mass balance method to determine usage/emissions (amount used minus amount collected for disposal or recycle). Supporting documentation (chemical usage tracking logs, MSDS sheets, purchase orders, EPA "As Supplied" data sheets, EPA Method 24, etc.) shall be kept for each chemical and associated products which includes sufficient information to determine usage rates and emissions. These records shall be made available to the Department upon request.
[Rules 62-213.440 and 62-297.401, F.A.C.; and, 0950111-008-AC]

E.16. For the Coronado Spring Resort PSB #1, volatile matter content shall be calculated using a percent solids basis (less water and exempt solvents) for adhesives, coatings, and inks, using EPA Method 24, or the Department shall accept a certification by the coating manufacturer of the composition of the coating if it is supported by standard formulation records for catalog paints or actual batch formulation records. The manufacturer's certification shall be consistent with EPA's document number 450/3-84-019, titled "Procedures for Certifying Quantity of Volatile Organic Compounds Emitted by Paint, Ink, and Other Coatings".
[Rules 62-213.440 and 62-297.401, F.A.C.; and, 0950111-008-AC]

Miscellaneous

E.17. For emissions units NSA-4, -8 thru -12, MGM-10, BVC-1, LBV-1 & -2, and EP-1 & EP-2, toluene emissions from their building should not cause ambient air concentrations to exceed the Acceptable Ambient Concentration (AAC) at ground level of 3.75 milligrams/m³, based on 80 hrs/wk of operation.
[AC48-151472; AC48-151504; AC48-151507; AC48-151509; and, AC48-151510]

E.18. For emissions unit VM-3, methyl ethyl ketone emissions from its building should not cause the 24-hour average ground level ambient air concentrations to exceed the No Threat Level (NTL) of 1416 micrograms/m³.
[AC48-243981]

E.19. For emissions units BVC-1 and LBV-1 & -2, hexamethylene diisocyanate emissions from their building should not cause the ambient air concentrations to exceed the AAC at ground level of 0.15 milligrams/m³, based on 80 hrs/wk of operation.
[AC48-151509; and, AC48-151510]

E.20. For emissions unit SSA-1, butyl acetate emissions from its building shall not cause the 8-hour average ground level ambient air concentrations to exceed the NTL of 1700 micrograms/m³. [AC48-205018]

E.21. For emissions units MK-2, BR-1 and Coronado Spring Resort PSB #1, toluene emissions from their building shall not cause the 24-hour average ground level ambient air concentrations to exceed 448 micrograms/m³. Proof of compliance with this condition shall be demonstrated by the Professional Engineer's calculations if any of the conditions used in the calculations in the construction application have changed. [0950111-003-AC; and, 0950111-008-AC]

E.22. For emissions units NSA-27 and YBC-3, unless the Department has determined other concentrations are required to protect public health and safety, predicted ambient air impact of any toxic pollutant (as listed in the MSDS submitted with the application) shall not exceed the concentration calculated by the following formula:

$$AAC = OEL/Safety\ Factor$$

Where,

AAC = Ambient Air Concentration.

Safety Factor = 50 for category B substances and 8 hrs/day

100 for category A substances and 8 hrs/day

210 for category B substances and 24 hrs/day

420 for category A substances and 24 hrs/day

OEL = Occupational Exposure Level such as ACGIH, OSHA and NIOSH published standards for toxic materials.

[AC48-179648; and, AC48-179649]

E.23. For emissions units NSA-27 and YBC-3, compliance with the AAC shall be demonstrated based on calculations certified by a Professional Engineer registered in Florida using actual operating conditions. Determination of the ambient concentration for organic compounds shall be determined by Department approved dispersion modeling or the Dilution Factor Matrix calculations.

[AC48-179648; and, AC48-179649]

E.24. For emissions units MK-2 and BR-1, the permittee may use different hazardous air pollutant (HAP) containing materials than those stated in the application. However, no less than 14-days before using a different material which produces HAP emissions, the permittee shall provide the MSDS of the new materials and reasonable assurances from a Professional Engineer registered in Florida that the Florida Ambient Reference Concentration will not be exceeded because of the change of materials or because of an increase in the use of HAP containing materials. The written notification will become a part of the permit.

[0950111-003-AC]

E.25.²⁰ There shall be no discharges of liquid effluents or contaminated runoff to surface or ground water without approval from the Department.

[AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510;
AO48-155895; AO48-172592; AO48-172594; and AO48-183381]⁸ *Moved from facility wide requirements
to this section*

E.26.²⁰ This permit does not preclude compliance with any applicable local program permitting
requirements and regulations.

[AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510;
AO48-155895; AO48-172592; AO48-172594; and AO48-183381]⁹ *Moved from facility wide requirements
to this section*

Section III. Emissions Unit(s) and Conditions.

Subsection F. This section addresses the following emissions unit.

<u>E.U./Facility LD.</u>	<u>Brief Description</u>	<u>Manufacturer</u>
<i>North Service Area Dry Cleaning Plant</i>		
-001 (LDC-1)	Dry Cleaning Unit #1	Multimatic Machine
-002 (LDC-2)	Dry Cleaning Unit #2	Multimatic Machine
-003 (LDC-3)	Dry Cleaning Unit #3	Multimatic Machine
-004 (LDC-4)	Dry Cleaning Unit #4	Multimatic Machine

The four perchloroethylene dry cleaning units are all vented to a single exhaust stack with precleaning provided by a new chiller system followed by and in series with an existing carbon absorption system (Spencer dual bed: Model 1500, Serial #190 @ ~99% efficient). The permittee recently upgraded the existing control system by installing a chiller system, which reduced the potential perc emissions (1.5 TPY to 0.5 TPY) and load on the existing carbon absorption system, and is being addressed in an air construction permitting action (0950111-012-AC).

{Permitting note(s): The perchloroethylene dry cleaning operation is subject to 40 CFR 63, Subpart M, National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities.}

The following specific conditions apply to the emissions units listed above:

General

F.1. The Department's Central District office is addressing the entire operation and its applicable requirements in a current permitting action, No. 0950111-012-AC. Also, this document will undergo Florida's SIP process for establishing federally enforceable conditions in construction permits and, if issued before the PROPOSED Title V permit is issued, then its specific conditions will be incorporated into this permit. If not, then the permit conditions will be incorporated appropriately.

F.2. The Compliance Plan submitted on October 6, 1997, is incorporated by reference and is attached.

[Rule 62-213.440, F.A.C.]

Standards

F.3. The permittee of each existing dry cleaning system shall comply with either 40 CFR 63.322(a)(1) or (a)(2).

(1) Route the air-perchloroethylene gas-vapor stream contained within each dry cleaning machine through a refrigerated condenser or an equivalent control device.

(2) Route the air-perchloroethylene gas-vapor stream contained within each dry cleaning machine through a carbon adsorber installed in the dry cleaning machine prior to September 22, 1993.

[40 CFR63.322(a)(1) & (2)]

F.4. The permittee shall close the door of each dry cleaning machine immediately after transferring articles to or from the machine, and shall keep the door closed at all other times.

[40 CFR 63.322(c)]

F.5. The permittee of each dry cleaning system shall operate and maintain the system according to the manufacturers' specifications and recommendations.

[40 CFR 63.322(d)]

F.6. Each refrigerated condenser used for the purposes of complying with 40 CFR 63.322(a) or (b) and installed on a dry-to-dry machine, dryer, or reclaimer:

- (1) Shall be operated to not vent or release the air-perchloroethylene gas-vapor stream contained within the dry cleaning machine to the atmosphere while the dry cleaning machine drum is rotating;
- (2) Shall be monitored according to 40 CFR 63.323(a)(1); and
- (3) Shall be operated with a diverter valve, which prevents air drawn into the dry cleaning machine when the door of the machine is open from passing through the refrigerated condenser.

[40 CFR 63.322(e)(1), (2), & (3)]

F.7. Each refrigerated condenser used for the purpose of complying with 40 CFR 63.322(a) and installed on a washer:

- (1) Shall be operated to not vent the air-perchloroethylene gas-vapor contained within the washer to the atmosphere until the washer door is opened;
- (2) Shall be monitored according to 40 CFR 63.323(a)(2).

[40 CFR 63.322(f)(1) & (2)]

F.8. Each carbon adsorber used for the purposes of complying with 40 CFR 63.322(a) or (b):

- (1) Shall not be bypassed to vent or release any air-perchloroethylene gas-vapor stream to the atmosphere at any time; and
- (2) Shall be monitored according to the applicable requirements in 40 CFR 63.323(b) or (c).

[40 CFR 63-322(g)(1) & (2)]

F.9. (j) The permittee of an affected facility shall store all perchloroethylene and wastes that contain perchloroethylene in solvent tanks or solvent containers with no perceptible leaks.

[40 CFR 63.322(j)]

F.10. The permittee of a dry cleaning system shall inspect the following components weekly for perceptible leaks while the dry cleaning system is operating:

- (1) Hose and pipe connections, fittings, couplings, and valves;
- (2) Door gaskets and seatings;
- (3) Filter gaskets and seatings;
- (4) Pumps;
- (5) Solvent tanks and containers;
- (6) Water separators;
- (7) Muck cookers;
- (8) Stills;
- (9) Exhaust dampers;
- (10) Diverter valves; and
- (11) Cartridge filter housings.

[40 CFR 63.322(k)(1) thru (11)]

F.11. The permittee of a dry cleaning system shall repair all perceptible leaks detected under 40 CFR 63.322(k) within 24 hours. If repair parts must be ordered, either a written or verbal order for those parts shall be initiated within 2 working days of detecting such a leak. Such repair parts shall be installed within 5 working days after receipt.

[40 CFR 63.322(m)]

F.12. If parameter values monitored under 40 CFR 63.322(e), (f), or (g), do not meet the values specified in 40 CFR 63.323(a), (b), or (c), adjustments or repairs shall be made to the dry cleaning system or control device to meet those values. If repair parts must be ordered, either a written or verbal order for such parts shall be initiated within 2 working days of detecting such a parameter value. Such repair parts shall be installed within 5 working days after receipt.

[40 CFR 63.322(n)]

Test Methods and Monitoring

F.13. When a refrigerated condenser is used to comply with 40 CFR 63.322(a)(1) or (b)(1):

(1) The permittee shall measure the temperature of the air-perchloroethylene gas-vapor stream on the outlet side of the refrigerated condenser on a dry-to-dry machine, dryer, or reclaimer weekly with a temperature sensor to determine if it is equal to or less than 7.2° C (45° F). The temperature sensor shall be used according to the manufacturer's instructions and shall be designed to measure a temperature of 7.2° C (45° F) to an accuracy of ± 1.1°C (± 2° F).

(2) The permittee shall calculate the difference between the temperature of the air-perchloroethylene gas-vapor stream entering the refrigerated condenser on a washer and the temperature of the air-perchloroethylene gas-vapor stream exiting the refrigerated condenser on the washer weekly to determine that the difference is greater than or equal to 11.1° C (20° F)

(i) Measurements of the inlet and outlet streams shall be made with a temperature sensor.

Each temperature sensor shall be used according to the manufacturer's instructions, and designed to measure at least a temperature range from 0° C (32° F) to 48.9° C (120° F) to an accuracy of ± 1.1° C (± 2° F).

(ii) The difference between the inlet and outlet temperatures shall be calculated weekly from the measured values.
[40 CFR 63-323(a)(1) & (2)]

F.14. When a carbon adsorber is used to comply with 40 CFR 63.322(a)(2) or exhaust is passed through a carbon adsorber immediately upon machine door opening to comply with 40 CFR 63.322(b)(3), the permittee shall measure the concentration of perchloroethylene in the exhaust of the carbon adsorber weekly with a colorimetric detector tube, while the dry cleaning machine is venting to that carbon adsorber at the end of the last dry cleaning cycle prior to desorption of that carbon adsorber to determine that the perchloroethylene concentration in the exhaust is equal to or less than 100 parts per million by volume. The permittee shall:

(1) Use a colorimetric detector tube designed to measure a concentration of 100 parts per million by volume of perchloroethylene in air to an accuracy of ±25 parts per million by volume; and

(2) Use the colorimetric detector tube according to the manufacturer's instructions; and

(3) Provide a sampling port for monitoring within the exhaust outlet of the carbon adsorber that is easily accessible and located at least 8 stack or duct diameters downstream from any flow disturbance such as a bend, expansion, contraction, or outlet; downstream from no other inlet; and

2 stack or duct diameters upstream from any flow disturbance such as a bend, expansion, contraction, inlet, or outlet.

[40 CFR 63.323(b)(1), (2) & (3)]

F.15. If the air-perchloroethylene gas-vapor stream is passed through a carbon adsorber prior to machine door opening to comply with § 63.322(b)(3), the permittee of an affected facility shall measure the concentration of perchloroethylene in the dry cleaning machine drum at the end of the dry cleaning cycle weekly with a colorimetric detector tube to determine that the perchloroethylene concentration is equal to or less than 300 parts per million by volume. The permittee shall:

- (1) Use a colorimetric detector tube designed to measure a concentration of 300 parts per million by volume of perchloroethylene in air to an accuracy of ± 75 parts per million by volume; and
- (2) Use the colorimetric detector tube according to the manufacturer's instructions; and
- (3) Conduct the weekly monitoring by inserting the colorimetric detector tube into the open space above the articles at the rear of the dry cleaning machine drum immediately upon opening the dry cleaning machine door.

[40 CFR 63.323(c)(1), (2) & (3)]

F.16. When calculating yearly perchloroethylene consumption for the purpose of demonstrating applicability according to 40 CFR 63.320, the permittee shall perform the following calculation on the first day of every month:

- (1) Sum the volume of all perchloroethylene purchases made in each of the previous 12 months, as recorded in the log described in 40 CFR 63.324(d)(1).
- (2) If no perchloroethylene purchases were made in a given month, then the perchloroethylene consumption for that month is zero gallons.
- (3) The total sum calculated in 40 CFR 63.323(d) is the yearly perchloroethylene consumption at the facility.

[40 CFR 63.323(d)(1), (2) & (3)]

Recordkeeping and Reporting Requirements

F.17. Each permittee of a dry cleaning facility shall submit an initial report signed by a responsible official before a notary public certifying that the information provided in the initial report is accurate and true to the Permitting authority within 90 calendar days after September 22, 1993, which includes the following:

- (1) The name and address of the permittee;
- (2) The address (that is, physical location) of the dry cleaning facility;
- (3) A brief description of the type of each dry cleaning machine at the dry cleaning facility;
- (4) Documentation as described in 40 CFR 63.323(d) of the yearly perchloroethylene consumption at the dry cleaning facility for the previous year to demonstrate applicability according to § 63.320; or an estimation of perchloroethylene consumption for the previous year to estimate applicability with 40 CFR 63.320; and
- (5) A description of the type of control device(s) that will be used to achieve compliance with 40 CFR 63.322(a) or (b) and whether the control device(s) is currently in use or will be purchased.

(6) Documentation to demonstrate to the Permitting authority's satisfaction that each room enclosure used to meet the requirements of 40 CFR 63.322(a)(3) meets the requirements of 40 CFR 63.322(a)(3)(i) and (ii).

[40 CFR 63-324(a)(1) thru (6)]

F.18. Each permittee of a dry cleaning facility shall submit a statement signed by a responsible official in the presence of a notary public to the Permitting authority by registered letter on or before the 30th day following the compliance dates specified in 40 CFR 63.320(b) or (c), certifying the following:

- (1) The yearly perchloroethylene solvent consumption limit based upon the yearly solvent consumption calculated according to 40 CFR 63.323(d);
- (2) Whether or not they are in compliance with each applicable requirement of 40 CFR 63.322; and
- (3) All information contained in the statement is accurate and true.

[40 CFR 63.324(b)(1), (2) & (3)]

F.19. Each permittee of a dry cleaning facility shall keep receipts of perchloroethylene purchases and a log of the following information and maintain such information on site and show it upon request for a period of 5 years:

- (1) The volume of perchloroethylene purchased each month by the dry cleaning facility as recorded from perchloroethylene purchases; if no perchloroethylene is purchased during a given month then the permittee would enter zero gallons into the log;
- (2) The calculation and result of the yearly perchloroethylene consumption determined on the first day of each month as specified in 40 CFR 63.323(d);
- (3) The dates when the dry cleaning system components are inspected for perceptible leaks, as specified in 40 CFR 63.322(k) or (l), and the name or location of dry cleaning system components where perceptible leaks are detected;
- (4) The dates of repair and records of written or verbal orders for repair parts to demonstrate compliance with 40 CFR 63.322(m) and (n);
- (5) The date and temperature sensor monitoring results, as specified in 40 CFR 63.323 if a refrigerated condenser is used to comply with 40 CFR 63.322(a) or (b); and
- (6) The date and colorimetric detector tube monitoring results, as specified in 40 CFR 63.323, if a carbon adsorber is used to comply with 40 CFR 63.322(a)(2) or (b)(3).

[40 CFR 63.324(d)(1) thru (6)]

F.20. Each permittee of a dry cleaning facility shall retain onsite a copy of the design specifications and the operating manuals for each dry cleaning system and each emission control device located at the dry cleaning facility.

[40 CFR 63.324(e)]

Miscellaneous

F.21.²⁰ There shall be no discharges of liquid effluents or contaminated runoff to surface or ground water without approval from the Department.

[AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AO48-155895; AO48-172592; AO48-172594; and AO48-183381]⁸

Moved from facility wide requirements to this section

F.22.²⁰ This permit does not preclude compliance with any applicable local program permitting requirements and regulations.

[AC48-151472; AC48-151504; AC48-151506; AC48-151507; AC48-151509; AC48-151510; AO48-155895; AO48-172592; AO48-172594; and AO48-183381]⁹

Moved from facility wide requirements to this section

Section IV. This section is the Acid Rain Part.

Operated by: Walt Disney World Co.¹
ORIS code: 7294: Reedy Creek Combined Cycle

Subsection A. This subsection addresses Acid Rain, Phase II.

The emissions unit listed below is regulated under Acid Rain Part, Phase II.

E.U.

<u>ID No.</u>	<u>Description</u>
-088	Combined Cycle Combustion Turbine with a Heat Recovery Steam Generator

A.1. The Phase II permit application(s) submitted for this facility, as approved by the Department, are a part of this permit. The owners and operators of these Phase II acid rain unit(s) must comply with the standard requirements and special provisions set forth in the application(s) listed below:

a. DEP Form No. 62-210.900(1)(a), dated 07/01/95.

[Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

A.2. Sulfur dioxide (SO₂) allowance allocations requirements for each Acid Rain unit are as follows:

<u>E.U. ID No.</u>	<u>EPA ID</u>	<u>Year</u>	2000	2001	2002
-088*	32432	SO ₂ allowances, under Table 2 or 3 of 40 CFR Part 73	18* rule**	18* rule**	18* rule**

* The number of allowances held by an Acid Rain source in a unit account may differ from the number allocated by the USEPA under Table 2 or 3 of 40 CFR 73.

** "Rule" denotes that the preceding allocation will be proposed in the upcoming Acid Rain Division rulemaking change. These allowances are unadjusted basis allowances only, unless noted.

A.3. Emission Allowances. Emissions from sources subject to the Federal Acid Rain Program (Title IV) shall not exceed any allowances that the source lawfully holds under the Federal Acid Rain Program. Allowances shall not be used to demonstrate compliance with a non-Title IV applicable requirement of the Act.

1. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Federal Acid Rain Program, provided that such increases do not require a permit revision pursuant to Rule 62-213.400(3), F.A.C.

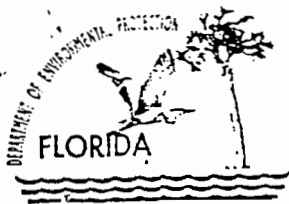
2. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.

3. Allowances shall be accounted for under the Federal Acid Rain Program.

[Rule 62-213.440(1)(c), F.A.C.]

A.4. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3), F.A.C., shall be submitted within 60 (sixty) days after the end of the calendar year. {See condition 51., APPENDIX TV-1, TITLE V CONDITIONS}
[Rule 62-214.420(11), F.A.C.]

A.5. Comments, notes, and justifications: For Title IV purposes, Mr. Willard K. Smith, Reedy Creek Energy Services, Inc., has become the new Designated Representative, and Mr. Virgil J. Farling, Reedy Creek Energy Services, Inc., has become the new Alternate Designated Representative.



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Weathersell
Secretary

July 9, 1997

Certified Mail - Return Receipt Requested

Mr. Rich Piper, Chair
Florida Power Coordinating Group, Inc.
405, Reo Street, Suite 100
Tampa, Florida 33609-1004

Dear Mr. Piper:

Enclosed is a copy of a Scrivener's Order correcting an error in the Order concerning particulate matter testing of natural gas fired boilers.

If you have any questions concerning the above, please call Yogesh Manocha at 904/488-6140, or write to me.

Sincerely,

A handwritten signature in black ink, appearing to read "M. D. Harley", is positioned above the typed name.

M. D. Harley, P.E., DEE
P.E. Administrator
Emissions Monitoring Section
Bureau of Air Monitoring and
Mobile Sources

MDH:ym

cc: Dotty Diltz, FDEP
Pat Comer, FDEP

FedEx USA Airbill

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City Lake Buena Vista State FL Zip 32830

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To

Recipient's Name Bruce Mitchell Phone (850) 921-9506

Company FL Dept. of Environ. Protection Dept./Floor Suite/Room Suite 4

Address 111 South Magnolia

City Tallahassee State FL Zip 32301

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194

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

In the matter of:)

Florida Electric Power Coordinating Group, Inc.,)

ASP No. 97-B-01

Petitioner.)


ORDER CORRECTING SCRIVENER'S ERROR

The Order which authorizes owners of natural gas fired fossil fuel steam generators to forgo particulate matter compliance testing on an annual basis and prior to renewal of an operation permit entered on the 17th day of March, 1997, is hereby corrected on page 4, paragraph number 4, by deleting the words "pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C.":

4. In renewing an air operation permit ~~pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C.~~, the Department shall not require submission of particulate matter emission compliance test results for any fossil fuel steam generator emissions unit that burned liquid and/or solid fuel for a total of no more than 400 hours during the year prior to renewal.

DONE AND ORDERED this 2 day of July, 1997 in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



HOWARD L. RHODES, Director
Division of Air Resources Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
(904) 488-0114



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CERTIFIED

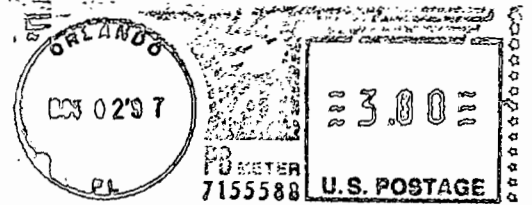
Z 397 983 301

MAIL

**RETURN RECEIPT
REQUESTED**

Mr. Bruce Mitchell
Florida Department of
Environmental Protection
2600 Blair Stone Rd. MS 5505
Tallahassee, Florida 32399-2400

A



32399>6516



CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that a copy of the foregoing was mailed to Rich Piper, Chair, Florida Power Coordinating Group, Inc., 405 Reo Street, Suite 100, Tampa, Florida 33609-1004, on this 10th day of July 1997.

Clerk Stamp

FILED AND ACKNOWLEDGMENT
FILED, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Martha Jewell Wise 7/10/97
Clerk Date

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97)

[Note: This attachment includes "canned conditions" developed from the "Title V Core List."]

{Permitting note: APPENDIX TV-1, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

Chapter 62-4, F.A.C.

1. General Prohibition. Any stationary installation which will reasonably be expected to be a source of pollution shall not be operated, maintained, or modified without the appropriate and valid permits issued by the Department, unless the source is exempted by Department rule. The Department may issue a permit only after it receives reasonable assurance that the installation will not cause pollution in violation of any of the provisions of Chapter 403, F.S., or the rules promulgated thereunder. A permitted installation may only be operated, maintained, constructed, expanded or modified in a manner that is consistent with the terms of the permit.

[Rule 62-4.030, Florida Administrative Code (F.A.C.); Section 403.087, Florida Statute (F.S.)]

2. Not federally enforceable. Procedure to Obtain Permits: Application.

(1) Any person desiring to obtain a permit from the Department shall apply on forms prescribed by the Department and shall submit such additional information as the Department by law may require.

(2) All applications and supporting documents shall be filed in quadruplicate with the Department.

(3) To ensure protection of public health, safety, and welfare, any construction, modification, or operation of an installation which may be a source of pollution shall be in accordance with sound professional engineering practices pursuant to Chapter 471, F.S. All applications for a Department permit shall be certified by a professional engineer registered in the State of Florida except when the application is for renewal of an air pollution operation permit at a minor facility as defined in Rule 62-210.200, F.A.C., or where professional engineering is not required by Chapter 471, F.S. Where required by Chapter 471 or 492, F.S., applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

(4) Processing fees for air construction permits shall be in accordance with Rule 62-4.050(4), F.A.C.

(5)(a) To be considered by the Department, each application must be accompanied by the proper processing fee. The fee shall be paid by check, payable to the Department of Environmental Protection. The fee is non-refundable except as provided in Section 120.60, F.S., and in this section.

(c) Upon receipt of the proper application fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin.

(d) If the applicant does not submit the required fee within ten days of receipt of written notification, the Department shall either return the unprocessed application or arrange with the applicant for the pick up of the application.

(e) If an applicant submits an application fee in excess of the required fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin upon receipt, and the Department shall refund to the applicant the amount received in excess of the required fee.

(6) Any substantial modification to a complete application shall require an additional processing fee determined pursuant to the schedule set forth in Rule 62-4.050, F.A.C., and shall restart the time requirements of Sections 120.60 and 403.0876, F.S. For purposes of this Subsection, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review.

(7) Modifications to existing permits proposed by the permittee which require substantial changes in the existing permit or require substantial evaluation by the Department of potential impacts of the proposed modifications shall require the same fee as a new application.

[Rule 62-4.050, F.A.C.]

3. Standards for Issuing or Denying Permits. Except as provided at Rule 62-213.460, F.A.C., the issuance of a permit does not relieve any person from complying with the requirements of Chapter 403, F.S., or Department rules.

[Rule 62-4.070(7), F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

4. Modification of Permit Conditions.

(1) For good cause and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions and on application of the permittee the Department may grant additional time. For the purpose of this section, good cause shall include, but not be limited to, any of the following:

- (a) A showing that an improvement in effluent or emission quality or quantity can be accomplished because of technological advances without unreasonable hardship.
- (b) A showing that a higher degree of treatment is necessary to effect the intent and purpose of Chapter 403, F.S.
- (c) A showing of any change in the environment or surrounding conditions that requires a modification to conform to applicable air or water quality standards.
- (e) Adoption or revision of Florida Statutes, rules, or standards which require the modification of a permit condition for compliance.

(2) A permittee may request a modification of a permit by applying to the Department.

(3) A permittee may request that a permit be extended as a modification of the permit. Such a request must be submitted to the Department in writing before the expiration of the permit. Upon timely submittal of a request for extension, unless the permit automatically expires by statute or rule, the permit will remain in effect until final agency action is taken on the request. For construction permits, an extension shall be granted if the applicant can demonstrate reasonable assurances that, upon completion, the extended permit will comply with the standards and conditions required by applicable regulation. For all other permits, an extension shall be granted if the applicant can demonstrate reasonable assurances that the extended permit will comply with the standards and conditions applicable to the original permit. A permit for which the permit application fee was prorated in accordance with Rule 62-4.050(4)(1), F.A.C., shall not be extended. In no event shall a permit be extended or remain in effect longer than the time limits established by statute or rule.

[Rule 62-4.080, F.A.C.]

5. Renewals. Prior to one hundred eighty (180) days before the expiration of a permit issued pursuant to Chapter 62-213, F.A.C., the permittee shall apply for a renewal of a permit using forms incorporated by reference in the specific rule chapter for that kind of permit. A renewal application shall be timely and sufficient. If the application is submitted prior to 180 days before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Department or, if there is court review of the Department's final agency action, until a later date is required by Section 120.60, F.S., provided that, for renewal of a permit issued pursuant to Chapter 62-213, F.A.C., the applicant complies with the requirements of Rules 62-213.420(1)(b)3. and 4., F.A.C.

[Rule 62-4.090(1), F.A.C.]

6. Suspension and Revocation.

(1) Permits shall be effective until suspended, revoked, surrendered, or expired and shall be subject to the provisions of Chapter 403, F.S., and rules of the Department.

(2) Failure to comply with pollution control laws and rules shall be grounds for suspension or revocation.

(3) A permit issued pursuant to Chapter 62-4, F.A.C., shall not become a vested property right in the permittee. The Department may revoke any permit issued by it if it finds that the permit holder or the permit holder's agent:

- (a) Submitted false or inaccurate information in application or operational reports.
- (b) Has violated law, Department orders, rules or permit conditions.
- (c) Has failed to submit operational reports or other information required by Department rules.
- (d) Has refused lawful inspection under Section 403.091, F.S.

[Rule 62-4.100, F.A.C.]

7. **Not federally enforceable.** Financial Responsibility. The Department may require an applicant to submit proof of financial responsibility and may require the applicant to post an appropriate bond to guarantee compliance with the law and Department rules.

[Rule 62-4.110, F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

8. Transfer of Permits.

(1) Within 30 days after the sale or legal transfer of a permitted facility, an "Application for Transfer of Permit" (DEP Form 62-1.201(1)) must be submitted to the Department. This form must be completed with the notarized signatures of both the permittee and the proposed new permittee.

(2) The Department shall approve the transfer of a permit unless it determines that the proposed new permittee cannot provide reasonable assurances that conditions of the permit will be met. The determination shall be limited solely to the ability of the new permittee to comply with the conditions of the existing permit, and it shall not concern the adequacy of these permit conditions. If the Department proposes to deny the transfer, it shall provide both the permittee and the proposed new permittee a written objection to such transfer together with notice of a right to request a Chapter 120, F.S., proceeding on such determination.

(3) Within 30 days of receiving a properly completed Application for Transfer of Permit form, the Department shall issue a final determination. The Department may toll the time for making a determination on the transfer by notifying both the permittee and the proposed new permittee that additional information is required to adequately review the transfer request. Such notification shall be served within 30 days of receipt of an Application for Transfer of Permit form, completed pursuant to Rule 62-4.120(1), F.A.C. If the Department fails to take action to approve or deny the transfer within 30 days of receipt of the completed Application for Transfer of Permit form, or within 30 days of receipt of the last item of timely requested additional information, the transfer shall be deemed approved.

(4) The permittee is encouraged to apply for a permit transfer prior to the sale or legal transfer of a permitted facility. However, the transfer shall not be effective prior to the sale or legal transfer.

(5) Until this transfer is approved by the Department, the permittee and any other person constructing, operating, or maintaining the permitted facility shall be liable for compliance with the terms of the permit. The permittee transferring the permit shall remain liable for corrective actions that may be required as a result of any violations occurring prior to the sale or legal transfer of the facility.

[Rule 62-4.120, F.A.C.]

9. Plant Operation-Problems. If the permittee is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules.

[Rule 62-4.130, F.A.C.]

10. For purposes of notification to the Department pursuant to Rule 62-4.130, F.A.C., Plant Operation-Problems, "immediately" shall mean the same day, if during a workday (i.e., 8:00 a.m. - 5:00 p.m.), or the first business day after the incident, excluding weekends and holidays.

[40 CFR 70.6(a)(3)(iii)(B)]

11. **Not federally enforceable.** Review. Failure to request a hearing within 14 days of receipt of notice of proposed or final agency action on a permit application or as otherwise required in Chapter 62-103, F.A.C., shall be deemed a waiver of the right to an administrative hearing.

[Rule 62-4.150, F.A.C.]

12. Permit Conditions. All permits issued by the Department shall include the following general conditions:

(1) The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

(2) This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

(3) As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

- (4) This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- (5) This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of F.S. and Department rules, unless specifically authorized by an order from the Department.
- (6) The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- (7) The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
- (a) Have access to and copy any records that must be kept under conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and,
 - (c) Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
- (8) If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of noncompliance; and,
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
- (9) In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the F.S. or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- (10) The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by F.S. or Department rules.
- (11) This permit is transferable only upon Department approval in accordance with Rule 62-4.120, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- (12) This permit or a copy thereof shall be kept at the work site of the permitted activity.
- (14) The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five (5) years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used; and,
 - 6. the results of such analyses.
- (15) When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.
- [Rules 62-4.160 and 62-213.440(1)(b), F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

13. Construction Permits.

(1) No person shall construct any installation or facility which will reasonably be expected to be a source of air or water pollution without first applying for and receiving a construction permit from the Department unless exempted by statute or Department rule. In addition to the requirements of Chapter 62-4, F.A.C., applicants for a Department Construction Permit shall submit the following as applicable:

- (a) A completed application on forms furnished by the Department.
- (b) An engineering report covering:
 - 1. plant description and operations,
 - 2. types and quantities of all waste material to be generated whether liquid, gaseous or solid,
 - 3. proposed waste control facilities,
 - 4. the treatment objectives,
 - 5. the design criteria on which the control facilities are based, and,
 - 6. other information deemed relevant.

Design criteria submitted pursuant to Rule 62-4.210(1)(b)5., F.A.C., shall be based on the results of laboratory and pilot-plant scale studies whenever such studies are warranted. The design efficiencies of the proposed waste treatment facilities and the quantities and types of pollutants in the treated effluents or emissions shall be indicated. Work of this nature shall be subject to the requirements of Chapter 471, F.S. Where confidential records are involved, certain information may be kept confidential pursuant to Section 403.111, F.S.

- (c) The owners' written guarantee to meet the design criteria as accepted by the Department and to abide by Chapter 403, F.S. and the rules of the Department as to the quantities and types of materials to be discharged from the installation. The owner may be required to post an appropriate bond or other equivalent evidence of financial responsibility to guarantee compliance with such conditions in instances where the owner's financial resources are inadequate or proposed control facilities are experimental in nature.

(2) The construction permit may contain conditions and an expiration date as determined by the Secretary or the Secretary's designee.

(3) When the Department issues a permit to construct, the permittee shall be allowed a period of time, specified in the permit, to construct, and to operate and test to determine compliance with Chapter 403, F.S., and the rules of the Department and, where applicable, to apply for and receive an operation permit. The Department may require tests and evaluations of the treatment facilities by the permittee at his/her expense.

[Rule 62-4.210, F.A.C.]

14. Operation Permit for New Sources. To properly apply for an operation permit for new sources, the applicant shall submit certification that construction was completed noting any deviations from the conditions in the construction permit and test results where appropriate.

[Rule 62-4.220, F.A.C.]

Chapter 62-103. F.A.C.

15. Public Notice, Public Participation, and Proposed Agency Action. The permittee shall comply with all of the requirements for public notice, public participation, and proposed agency action pursuant to Rule 62-103.150 and Rule 62-210.350, F.A.C.

[Rules 62-103.150, 62-210.350 and 62-213.430(1)(b), F.A.C.]

16. Administrative Hearing. The permittee shall comply with all of the requirements for a petition for administrative hearing or waiver of right to administrative proceeding pursuant to Rule 61-103.155, F.A.C.

[Rule 62-103.155, F.A.C.]

Chapter 62-204. F.A.C.

17. Asbestos. This permit does not authorize any demolition or renovation of the facility or its parts or components which involves asbestos removal. This permit does not constitute a waiver of any of the requirements of Chapter 62-257, F.A.C., and 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos, adopted and incorporated by reference in Rule 62-204.800, F.A.C. Compliance with Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, Section 61.145, is required for any asbestos demolition or renovation at the source.

[40 CFR 61; Rule 62-204.800, F.A.C.; and, Chapter 62-257, F.A.C.]

Chapter 62-210. F.A.C.

18. Permits Required. The owner or operator of any emissions unit which emits or can reasonably be expected to emit any air pollutant shall obtain an appropriate permit from the Department prior to beginning construction, modification, or initial or continued operation of the emissions unit unless exempted pursuant to Department rule or statute. All emissions limitations, controls, and other requirements imposed by such permits shall be at least as stringent as any applicable limitations and requirements contained in or enforceable under the State Implementation Plan (SIP) or that are otherwise federally enforceable. Except as provided at Rule 62-213.460, F.A.C., issuance of a permit does not relieve the owner or operator of any emissions unit from complying with applicable emission limiting standards or other requirements of the air pollution rules of the Department, or any other applicable requirements under federal, state, or local law.

(1) Air Construction Permits. An air construction permit shall be obtained by the owner or operator of any proposed new or modified facility or emissions unit prior to the beginning of construction or modification, in accordance with all applicable provisions of Chapters 62-210, 62-212 and 62-4, F.A.C. The construction permit shall be issued for a period of time sufficient to allow construction or modification of the facility or emissions unit and operation while the new or modified facility or emissions unit is conducting tests or otherwise demonstrating initial compliance with the conditions of the construction permit.

(2) Air Operation Permits. Upon expiration of the air operation permit for any existing facility or emissions unit, subsequent to construction or modification and demonstration of initial compliance with the conditions of the construction permit for any new or modified facility or emissions unit, or as otherwise provided in Chapter 62-210 or Chapter 62-213, the owner or operator of such facility or emissions unit shall obtain a renewal air operation permit, an initial air operation permit, or an administrative correction or revision of an existing air operation permit, whichever is appropriate, in accordance with all applicable provisions of Chapter 62-210, Chapter 62-213, and Chapter 62-4, F.A.C.

(a) Minimum Requirements for All Air Operation Permits. At a minimum, a permit issued pursuant to this subsection shall:

1. Specify the manner, nature, volume and frequency of the emissions permitted, and the applicable emission limiting standards or performance standards, if any;
2. Require proper operation and maintenance of any pollution control equipment by qualified personnel, where applicable in accordance with the provisions of any operation and maintenance plan required by the air pollution rules of the Department.
3. Contain an effective date stated in the permit which shall not be earlier than the date final action is taken on the application and be issued for a period, beginning on the effective date, as provided below.

a. The operation permit for an emissions unit which is in compliance with all applicable rules and in operational condition, and which the owner or operator intends to continue operating, shall be issued or renewed for a five-year period, except that, for Title V sources subject to Rule 62-213.420(1)(a)1., F.A.C., operation permits shall be extended until 60 days after the due date for submittal of the facility's Title V permit application as specified in Rule 62-213.420(1)(a)1., F.A.C.

b. Except as provided in Rule 62-210.300(2)(a)3.d., F.A.C., the operation permit for an emissions unit which has been shut down for six months or more prior to the expiration date of the current operation permit, shall be renewed for a period not to exceed five years from the date of shutdown, even if the emissions unit is not maintained in operational condition, provided:

- (i) the owner or operator of the emissions unit demonstrates to the Department that the emissions unit may need to be reactivated and used, or that it is the owner's or operator's intent to apply to the Department for a permit to construct a new emissions unit at the facility before the end of the extension period; and,
- (ii) the owner or operator of the emissions unit agrees to and is legally prohibited from providing the allowable emission permitted by the renewed permit as an emissions offset to any other person under Rule 62-212.500, F.A.C.; and,
- (iii) the emissions unit was operating in compliance with all applicable rules as of the time the source was shut down.

c. Except as provided in Rule 62-210.300(2)(a)3.d., F.A.C., the operation permit for an emissions unit which has been shut down for five years or more prior to the expiration date of the current operation permit shall be renewed for a maximum period not to exceed ten years from the date of shutdown, even if the emissions unit is not maintained in operational condition, provided the conditions given in Rule 62-210.300(2)(a)3.b., F.A.C., are met and the owner or operator demonstrates to the Department that failure to renew the permit would constitute a hardship, which may include economic hardship.

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

d. The operation permit for an electric utility generating unit on cold standby or long-term reserve shutdown shall be renewed for a five-year period, and additional five-year periods, even if the unit is not maintained in operational condition, provided the conditions given in Rules 62-210.300(2)(a)3.b.(i) through (iii), F.A.C., are met.

4. In the case of an emissions unit permitted pursuant to Rules 62-210.300(2)(a)3.b., c., and d., F.A.C., include reasonable notification and compliance testing requirements for reactivation of such emissions unit and provide that the owner or operator demonstrate to the Department prior to reactivation that such reactivation would not constitute reconstruction pursuant to Rule 62-204.800(7), F.A.C.

[Rules 62-210.300(1) & (2), F.A.C.]

19. Notification of Startup. The owner or operator of any emissions unit or facility which has a valid air operation permit and which has been shut down more than one (1) year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of sixty (60) days prior to the intended startup date.

(a) The notification shall include the planned startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.

(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.

[Rule 62-210.300(5), F.A.C.]

20. Emissions Unit Reclassification.

(a) Any emissions unit whose operation permit has been revoked as provided for in Chapter 62-4, F.A.C., shall be deemed permanently shut down for purposes of Rule 62-212.500, F.A.C. Any emissions unit whose permit to operate has expired without timely renewal or transfer may be deemed permanently shut down, provided, however, that no such emissions unit shall be deemed permanently shut down if, within 20 days after receipt of written notice from the Department, the emissions unit owner or operator demonstrates that the permit expiration resulted from inadvertent failure to comply with the requirements of Rule 62-4.090, F.A.C., and that the owner or operator intends to continue the emissions unit in operation, and either submits an application for an air operation permit or complies with permit transfer requirements, if applicable.

(b) If the owner or operator of an emissions unit which is so permanently shut down, applies to the Department for a permit to reactivate or operate such emissions unit, the emissions unit will be reviewed and permitted as a new emissions unit.

[Rule 62-210.300(6), F.A.C.]

21. Public Notice and Comment.

(1) Public Notice of Proposed Agency Action.

(a) Notwithstanding any discretionary public notice requirements contained in Rule 62-103.150(2)(a), F.A.C., a notice of proposed agency action on permit application, where the proposed agency action is to issue the permit, shall be published by any applicant for:

1. A construction permit for any proposed new or modified facility or emissions unit;
2. An operation permit, permit renewal or permit revision subject to Rule 62-210.300(2)(b), F.A.C.; or
3. An operation permit, permit renewal, or permit revision subject to Chapter 62-213, F.A.C., except those permit revisions meeting the requirements of Rule 62-213.412(1), F.A.C.

(b) The notice required by Rule 62-210.350(1)(a), F.A.C., shall be published in accordance with all otherwise applicable provisions of Rule 62-103.150, F.A.C.

(2) Additional Public Notice Requirements for Emissions Units Subject to Prevention of Significant Deterioration or Nonattainment-Area Preconstruction Review.

(a) Before taking final agency action on a construction permit application for any proposed new or modified facility or emissions unit subject to the preconstruction review requirements of Rule 62-212.400 or 62-212.500, F.A.C., the Department shall comply with all applicable provisions of Rule 62-103.150, F.A.C., and provide an opportunity for public comment which shall include as a minimum the following:

1. A complete file available for public inspection in at least one location in the district affected which includes the information submitted by the owner or operator, exclusive of confidential records under Section 403.111, F.S., and the Department's analysis of the effect of the proposed construction or modification on ambient air quality, including the Department's preliminary determination of whether the permit should be approved or disapproved;
2. A 30-day period for submittal of public comments; and,

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

3. A notice, by advertisement in a newspaper of general circulation in the county affected, specifying the nature and location of the proposed facility or emissions unit, whether BACT or LAER has been determined, the degree of PSD increment consumption expected, if applicable, and the location of the information specified in paragraph 1. above; and notifying the public of the opportunity for submitting comments and requesting a public hearing.
- (b) The notice provided for in Rule 62-210.350(2)(a)3., F.A.C., shall be prepared by the Department and published by the applicant in accordance with all applicable provisions of Rule 62-103.150, F.A.C., except that the applicant shall cause the notice to be published no later than thirty (30) days prior to final agency action.
- (c) A copy of the notice provided for in Rule 62-210.350(2)(a)3., F.A.C., shall also be sent by the Department to the Regional Office of the U. S. Environmental Protection Agency and to all other state and local officials or agencies having cognizance over the location of such new or modified facility or emissions unit, including local air pollution control agencies, chief executives of city or county government, regional land use planning agencies, and any other state, Federal Land Manager, or Indian Governing Body whose lands may be affected by emissions from the new or modified facility or emissions unit.
- (d) A copy of the notice provided for in Rule 62-210.350(2)(a)3., F.A.C., shall be displayed in the appropriate district, branch and local program offices.
- (e) An opportunity for public hearing shall be provided in accordance with Chapter 120, F.S., and Rule 62-103.150, F.A.C.
- (f) Any public comments received shall be made available for public inspection in the location where the information specified in Rule 62-210.350(2)(a)1., F.A.C., is available and shall be considered by the Department in making a final determination to approve or deny the permit.
- (g) The final determination shall be made available for public inspection at the same location where the information specified in Rule 62-210.350(2)(a)1., F.A.C., was made available.
- (h) For a proposed new or modified emissions unit which would be located within 100 kilometers of any Federal Class I area or whose emissions may affect any Federal Class I area, and which would be subject to the preconstruction review requirements of Rule 62-212.400, F.A.C., or Rule 62-212.500, F.A.C.:
1. The Department shall mail or transmit to the Administrator a copy of the initial application for an air construction permit and notice of every action related to the consideration of the permit application.
 2. The Department shall mail or transmit to the Federal Land Manager of each affected Class I area a copy of any written notice of intent to apply for an air construction permit; the initial application for an air construction permit, including all required analyses and demonstrations; any subsequently submitted information related to the application; the preliminary determination and notice of proposed agency action on the permit application; and any petition for an administrative hearing regarding the application or the Department's proposed action. Each such document shall be mailed or transmitted to the Federal Land Manager within fourteen (14) days after its receipt by the Department.
- (3) Additional Public Notice Requirements for Facilities Subject to Operation Permits for Title V Sources.
- (a) Before taking final agency action to issue a new, renewed, or revised air operation permit subject to Chapter 62-213, F.A.C., the Department shall comply with all applicable provisions of Rule 62-103.150, F.A.C., and provide an opportunity for public comment which shall include as a minimum the following:
1. A complete file available for public inspection in at least one location in the district affected which includes the information submitted by the owner or operator, exclusive of confidential records under Section 403.111, F.S.; and,
 2. A 30-day period for submittal of public comments.
- (b) The notice provided for in Rule 62-210.350(3)(a), F.A.C., shall be prepared by the Department and published by the applicant in accordance with all applicable provisions of Rule 62-103.150, F.A.C., except that the applicant shall cause the notice to be published no later than thirty (30) days prior to final agency action.
- (c) The notice shall identify:
1. The facility;
 2. The name and address of the office at which processing of the permit occurs;
 3. The activity or activities involved in the permit action;
 4. The emissions change involved in any permit revision;
 5. The name, address, and telephone number of a Department representative from whom interested persons may obtain additional information, including copies of the permit draft, the application, and all relevant supporting materials, including any permit application, compliance plan, permit, monitoring report, and compliance statement required pursuant to Chapter 62-213, F.A.C. (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), and all other materials available to the Department that are relevant to the permit decision;
 6. A brief description of the comment procedures required by Rules 62-103.150 and 62-210.350(3), F.A.C.;
 7. The time and place of any hearing that may be held, including a statement of procedure to request a hearing (unless a hearing has already been scheduled); and,

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

8. The procedures by which persons may petition the Administrator to object to the issuance of the proposed permit after expiration of the Administrator's 45-day review period.

[Rule 62-210.350, F.A.C.]

22. Administrative Permit Corrections.

(1) A facility owner shall notify the Department by letter of minor corrections to information contained in a permit. Such notifications shall include:

- (a) Typographical errors noted in the permit;
- (b) Name, address or phone number change from that in the permit;
- (c) Any other similar minor administrative change at the source; and,
- (d) A change requiring more frequent monitoring or reporting by the permittee.
- (e) Changes listed at 40 CFR 72.83(a)(1), (2), (6), (9) and (10), hereby adopted and incorporated by reference, to Title V sources subject to emissions limitations or reductions pursuant to 42 USC ss. 7651-7651o;
- (f) Changes listed at 40 CFR 72.83(a)(11), hereby adopted and incorporated by reference, to Title V sources subject to emissions limitations or reductions pursuant to 42 USC ss. 7651-7651o, provided the notification is accompanied by a copy of any EPA determination concerning the similarity of the change to those listed at Rule 17-210.360(1)(e).

(2) Upon receipt of such notifications the Department shall within 60 days correct the permit and provide a corrected copy to the owner.

(3) For facilities subject to Chapter 62-213, F.A.C., a copy shall be provided to EPA and any approved local air program in the county where the facility or any part of the facility is located.

(4) The Department shall incorporate requirements resulting from issuance of new or revised construction permits into existing operation permits issued pursuant to Chapter 62-213, F.A.C., if the construction permit revisions incorporate requirements of federally enforceable preconstruction review and if the applicant requests at the time of application that all of the requirements of Rule 62-213.430(1), F.A.C., be complied with in conjunction with the processing of the construction permit application.

[Rule 62-210.360, F.A.C.]

23. Reports.

(3) Annual Operating Report for Air Pollutant Emitting Facility.

(a) The Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be completed each year.

(c) The annual operating report shall be submitted to the appropriate Department District or Department approved local air pollution control program office by March 1 of the following year unless otherwise indicated by permit condition or Department request.

[Rule 62-210.370(3), F.A.C.]

24. Circumvention. No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.

[Rule 62-210.650, F.A.C.]

25. Forms and Instructions. The forms used by the Department in the stationary source control program are adopted and incorporated by reference in this section. The forms are listed by rule number, which is also the form number, with the subject, title and effective date. Copies of forms may be obtained by writing to the Department of Environmental Protection, Division of Air Resources Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

(1) Application for Air Permit - Long Form, Form and Instructions.

- (a) Acid Rain Part (Phase II), Form and Instructions.
 - 1. Repowering Extension Plan, Form and Instructions.
 - 2. New Unit Exemption, Form and Instructions.
 - 3. Retired Unit Exemption, Form and Instructions.

(b) Reserved.

(5) Annual Operating Report (AOR) for Air Pollutant Emitting Facility, Form and Instructions.

[Rule 62-210.900, F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

Chapter 62-213, F.A.C.

26. Annual Emissions Fee. Each Title V source permitted to operate in Florida must pay between January 15 and March 1 of each year, upon written notice from the Department, an annual emissions fee in accordance with Rule 62-213.205, F.A.C., and the appropriate form and associated instructions.

[Rules 62-213.205 and 62-213.900(1), F.A.C.]

27. Annual Emissions Fee. Failure to pay timely any required annual emissions fee, penalty, or interest constitutes grounds for permit revocation pursuant to Rule 62-4.100, F.A.C.

[Rule 62-213.205(1)(g), F.A.C.]

28. Annual Emissions Fee. Any documentation of actual hours of operation, actual material or heat input, actual production amount, or actual emissions used to calculate the annual emissions fee shall be retained by the owner for a minimum of five (5) years and shall be made available to the Department upon request.

[Rule 62-213.205(1)(j), F.A.C.]

29. Annual Emissions Fee. DEP Form 62-213.900(1), F.A.C., "Major Air Pollution Source Annual Emissions Fee Form", must be completed by the permittee and submitted with the annual emissions fee.

[Rule 62-213.205(4), F.A.C.]

30. Air Operation Permit Fees. After December 31, 1992, no permit application processing fee, renewal fee, modification fee or amendment fee is required for an operation permit for a Title V source.

[Rule 62-213.205(5), F.A.C.]

31. Permits and Permit Revisions Required. All Title V sources are subject to the permit requirements of Chapter 62-213, F.A.C.

[Rule 62-213.400, F.A.C.]

32. No Title V source may operate except in compliance with Chapter 62-213, F.A.C.

[Rule 62-213.400(1), F.A.C.]

33. Changes Without Permit Revision. Title V sources having a valid permit issued pursuant to Chapter 62-213, F.A.C., may make the following changes without permit revision, provided that sources shall maintain source logs or records to verify periods of operation in each alternative method of operation:

(1) Permitted sources may change among those alternative methods of operation allowed by the source's permit as provided by the terms of the permit;

(2) Permitted sources may implement the terms or conditions of a new or revised construction permit if;

(a) The application for construction permit complied with the requirements of Rule 62-213.420(3) and (4), F.A.C.;

(b) The terms or conditions were subject to federally enforceable preconstruction review pursuant to Chapter 62-212, F.A.C.; and,

(c) The new or revised construction permit was issued after the Department and the applicant complied with all the requirements of Rule 62-213.430(1), F.A.C.;

(3) A permitted source may implement operating changes after the source submits any forms required by any applicable requirement and provides the Department and EPA with at least 7 days written notice prior to implementation. The source and the Department shall attach each notice to the relevant permit;

(a) The written notice shall include the date on which the change will occur, and a description of the change within the permitted source, the pollutants emitted and any change in emissions, and any term or condition becoming applicable or no longer applicable as a result of the change;

(b) The permit shield described in Rule 62-213.460, F.A.C., shall not apply to such changes;

(4) Permitted sources may implement changes involving modes of operation only in accordance with Rule 62-213.415, F.A.C.

[Rule 62-213.410, F.A.C.]

34. Immediate Implementation Pending Revision Process.

(1) Those permitted Title V sources making any change that constitutes a modification pursuant to paragraph (a) of the definition of modification at Rule 62-210.200, F.A.C., but which would not constitute a modification pursuant to paragraph (b) of the same definition, may implement such change prior to final issuance of a permit revision in accordance with Rule 62-213.412, F.A.C., provided the change:

- (a) Does not violate any applicable requirement;
- (b) Does not contravene any permit term or condition for monitoring, testing, recordkeeping or reporting, or any compliance certification requirement;
- (c) Does not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination of ambient impacts, or a visibility or increment analysis under the provisions of Chapter 62-212 or 62-296, F.A.C.;
- (d) Does not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject including any federally enforceable emissions cap or federally enforceable alternative emissions limit.

(2) A Title V source may immediately implement such changes after they have been incorporated into the terms and conditions of a new or revised construction permit issued pursuant to Chapter 62-212, F.A.C., and after the source provides to EPA, the Department, each affected state and any approved local air program having geographic jurisdiction over the source, a copy of the source's application for operation permit revision. The Title V source may conform its application for construction permit to include all information required by Rule 62-213.420, F.A.C., in lieu of submitting separate application forms.

(3) The Department shall process the application for operation permit revision in accordance with the provisions of Chapter 62-213, F.A.C., except that the Department shall issue a draft permit revision or a determination to deny the revision within 60 days of receipt of a complete application for operation permit revision or, if the Title V source has submitted a construction permit application conforming to the requirements of Rule 62-213.420, F.A.C., the Department shall issue a draft permit or a determination to deny the revision at the same time the Department issues its determination on issuance or denial of the construction permit application. The Department shall not take final action until all the requirements of Rule 62-213.430(1)(a), (c), (d), and (e), F.A.C., have been complied with.

(4) Pending final action on the operation permit revision application, the source shall implement the changes in accordance with the terms and conditions of the source's new or revised construction permit.

(5) The permit shield described in Rule 62-213.460, F.A.C., shall not apply to such changes until after the Department takes final action to issue the operation permit revision.

(6) If the Department denies the source's application for operation permit revision, the source shall cease implementation of the proposed changes.

[Rule 62-213.412, F.A.C.]

35. Permit Applications.

(1) Duty to Apply. For each Title V source, the owner or operator shall submit a timely and complete permit application in compliance with the requirements of Rules 62-213.420, 62-4.050(1) & (2), and 62-210.900, F.A.C.

(a) Timely Application.

3. For purposes of permit renewal, a timely application is one that is submitted in accordance with Rule 62-4.090, F.A.C.

(b) Complete Application.

1. Any applicant for a Title V permit, permit revision or permit renewal must submit an application on DEP Form No. 62-210.900(1), which must include all the information specified by Rule 62-213.420(3), F.A.C., except that an application for permit revision must contain only that information related to the proposed change. The applicant shall include information concerning fugitive emissions and stack emissions in the application. Each application for permit, permit revision or permit renewal shall be certified by a responsible official in accordance with Rule 62-213.420(4), F.A.C.

2. For those applicants submitting initial permit applications pursuant to Rule 62-213.420(1)(a)1., F.A.C., a complete application shall be an application that substantially addresses all the information required by the application form number 62-210.900(1), and such applications shall be deemed complete within sixty days of receipt of a signed and certified application unless the Department notifies the applicant of incompleteness within that time. For all other applicants, the applications shall be deemed complete sixty days after receipt, unless the Department, within sixty days after receipt of a signed application for permit, permit revision or permit renewal, requests additional documentation or information needed to process the application. An applicant making timely and complete application for permit, or timely application for permit renewal as described by Rule 62-4.090(1), F.A.C., shall continue to operate the source

under the authority and provisions of any existing valid permit or Florida Electrical Power Plant Siting Certification, provided the applicant complies with all the provisions of Rules 62-213.420(1)(b)3. and 4. F.A.C. Failure of the Department to request additional information within sixty days of receipt of a properly signed application shall not impair the Department's ability to request additional information pursuant to Rules 62-213.420(1)(b)3. and 4., F.A.C.

3. For those permit applications submitted pursuant to the provisions of Rule 62-213.420(1)(a)1., F.A.C., the Department shall notify the applicant if the Department becomes aware at any time during processing of the application that the application contains incorrect or incomplete information. The applicant shall submit the corrected or supplementary information to the Department within ninety days unless the applicant has requested and been granted additional time to submit the information. Failure of an applicant to submit corrected or supplementary information requested by the Department within ninety days or such additional time as requested and granted shall render the application incomplete.

4. For all applications other than those addressed at Rule 62-213.420(1)(b)3., F.A.C., should the Department become aware, during processing of any application that the application contains incorrect information, or should the Department become aware, as a result of comment from an affected State, an approved local air program, EPA, or the public that additional information is needed to evaluate the application, the Department shall notify the applicant within 30 days. When an applicant becomes aware that an application contains incorrect or incomplete information, the applicant shall submit the corrected or supplementary information to the Department. If the Department notifies an applicant that corrected or supplementary information is necessary to process the permit, and requests a response, the applicant shall provide the information to the Department within ninety days of the Department request unless the applicant has requested and been granted additional time to submit the information or, the applicant shall, within ninety days, submit a written request that the Department process the application without the information. Failure of an applicant to submit corrected or supplementary information requested by the Department within ninety days, or such additional time as requested and granted, or to demand in writing within ninety days that the application be processed without the information shall render the application incomplete. Nothing in this section shall limit any other remedies available to the Department.

[Rules 62-213.420(1)(a)3. and 62-213.420(1)(b)1., 2., 3. & 4., F.A.C.]

36. Confidential Information. Whenever an applicant submits information under a claim of confidentiality pursuant to Section 403.111, F.S., the applicant shall also submit a copy of all such information and claim directly to EPA.

[Rule 62-213.420(2), F.A.C.]

37. Standard Application Form and Required Information. Applications shall be submitted under Chapter 62-213, F.A.C., on forms provided by the Department and adopted by reference in Rule 62-210.900(1), F.A.C. The information as described in Rule 62-210.900(1), F.A.C., shall be included for the Title V source and each emissions unit. An application must include information sufficient to determine all applicable requirements for the Title V source and each emissions unit and to evaluate a fee amount pursuant to Rule 62-213.205, F.A.C.

[Rule 62-213.420(3), F.A.C.]

38. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[Rule 62-213.420(4), F.A.C.]

39.a. Permit Renewal and Expiration. Permits being renewed are subject to the same requirements that apply to permit issuance at the time of application for renewal. Permit renewal applications shall contain that information identified in Rules 62-210.900(1) and 62-213.420(3), F.A.C. Unless a Title V source submits a timely application for permit renewal in accordance with the requirements of Rule 62-4.090(1), F.A.C., the existing permit shall expire and the source's right to operate shall terminate.

b. Permit Revision Procedures. Permit revisions shall meet all requirements of Chapter 62-213, F.A.C., including those for content of applications, public participation, review by approved local programs and affected states, and review by EPA, as they apply to permit issuance and renewal, except that permit revisions for those activities implemented pursuant to Rule 62-213.412, F.A.C., need not meet the requirements of Rule 62-213.430(1)(b), F.A.C. The Department shall require permit revision in accordance with the provisions of Rule 62-4.080, F.A.C., and 40 CFR 70.7(f), whenever any source becomes

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

subject to any condition listed at 40 CFR 70.7(f)(1), hereby adopted and incorporated by reference. The below requirements from 40 CFR 70.7(f) are adopted and incorporated by reference in Rule 62-213.430(4), F.A.C.:

o 40 CFR 70.7(f): Reopening for Cause.

(1) This section contains provisions from 40 CFR 70.7(f) that specify the conditions under which a Title V permit shall be reopened prior to the expiration of the permit. A Title V permit shall be reopened and revised under any of the following circumstances:

- (i) Additional applicable requirements under the Act become applicable to a major Part 70 source with a remaining permit term of 3 or more years. Such a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 40 CFR 70.4(b)(10)(i) or (ii).
 - (ii) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approved by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
 - (iii) The permitting authority or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
 - (iv) The Administrator or the permitting authority determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- (2) Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.
- (3) Reopenings under 40 CFR 70.7(f)(1) shall not be initiated before a notice of such intent is provided to the Part 70 source by the permitting authority at least 30 days in advance of the date that the permit is to be reopened, except that the permitting authority may provide a shorter time period in the case of an emergency.

[Rules 62-213.430(3) & (4), F.A.C.; and, 40 CFR 70.7(f)]

40. Permit Duration. Operation permits for Title V sources may not be extended as provided in Rule 62-4.080(3), F.A.C., if such extension will result in a permit term greater than five (5) years.

[Rule 62-213.440(1)(a), F.A.C.]

41. Monitoring Information. All records of monitoring information shall specify the date, place, and time of sampling or measurement and the operating conditions at the time of sampling or measurement, the date(s) analyses were performed, the company or entity that performed the analyses, the analytical techniques or methods used, and the results of such analyses.

[Rule 62-213.440(1)(b)2.a., F.A.C.]

42. Retention of Records. Retention of records of all monitoring data and support information shall be for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

[Rule 62-213.440(1)(b)2.b., F.A.C.]

43. Monitoring Reports. The permittee shall submit reports of any required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports.

[Rule 62-213.440(1)(b)3.a., F.A.C.]

44. Deviation from Permit Requirements Reports. The permittee shall report in accordance with the requirements of Rules 62-210.700(6) and 62-4.130, F.A.C., any deviations from permit requirements, including those attributable to upset conditions as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken.

[Rule 62-213.440(1)(b)3.b., F.A.C.]

45. Reports. All reports shall be accompanied by a certification by a responsible official, pursuant to Rule 62-213.420(4), F.A.C.

[Rule 62-213.440(1)(b)3.c., F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

46. If any portion of the final permit is invalidated, the remainder of the permit shall remain in effect.

[Rule 62-213.440(1)(d)1., F.A.C.]

47. It shall not be a defense for a permittee in an enforcement action that maintaining compliance with any permit condition would necessitate halting of or reduction of the source activity.

[Rule 62-213.440(1)(d)3., F.A.C.]

48. A Title V source shall comply with all the terms and conditions of the existing permit until the Department has taken final action on any permit renewal or any requested permit revision, except as provided at Rule 62-213.412(2), F.A.C.

[Rule 62-213.440(1)(d)4., F.A.C.]

49. A situation arising from sudden and unforeseeable events beyond the control of the source which causes an exceedance of a technology-based emissions limitation because of unavoidable increases in emissions attributable to the situation and which requires immediate corrective action to restore normal operation, shall be an affirmative defense to an enforcement action in accordance with the provisions and requirements of 40 CFR 70.6(g)(2) and (3), hereby adopted and incorporated by reference.

[Rule 62-213.440(1)(d)5., F.A.C.]

50. Confidentiality Claims. Any permittee may claim confidentiality of any data or other information by complying with Rule 62-213.420(2), F.A.C.

[Rule 62-213.440(1)(d)6., F.A.C.]

51. Statement of Compliance. The permittee shall submit a statement of compliance with all terms and conditions of the permit. Such statement shall be submitted to the Department and EPA annually, or more frequently if specified by Rule 62-213.440(2), F.A.C., or by any other applicable requirement. The statement of compliance shall include the identity of each term or condition of the permit for which each unit has remained in compliance during the period covered by the statement. The statement shall include identification of all methods used to demonstrate compliance and identification of each term or condition of the permit for which any unit has not remained in compliance during the period covered by the statement. For each term or condition for which the source has not remained in compliance during the period covered by the statement, the statement shall also identify each unit not in compliance and each term and condition with which the unit was not in compliance and state the inclusive dates that the source was not in compliance, the actions taken to achieve compliance and the method used to demonstrate compliance. Such statement shall be accompanied by a certification by a responsible official, in accordance with Rule 62-213.420(4), F.A.C.

[Rule 62-213.440(3), F.A.C.]

52. Permit Shield. Except as provided in Chapter 62-213, F.A.C., compliance with the terms and conditions of a permit issued pursuant to Chapter 62-213, F.A.C., shall be deemed compliance with any applicable requirements in effect as of the date of permit issuance, provided that the source included such applicable requirements in the permit application. Nothing in Rule 62-213.460, F.A.C., or in any permit shall alter or affect the ability of EPA or the Department to deal with an emergency, the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance, or the requirements of the Federal Acid Rain Program.

[Rule 62-213.460, F.A.C.]

53. Forms and Instructions. The forms used by the Department in the Title V source operation program are adopted and incorporated by reference in Rule 62-213.900, F.A.C. The form is listed by rule number, which is also the form number, and with the subject, title, and effective date. Copies of forms may be obtained by writing to the Department of Environmental Protection, Division of Air Resources Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, or by contacting the appropriate permitting authority.

(1) Major Air Pollution Source Annual Emissions Fee (AEF) Form.

[Rule 62-213.900(1), F.A.C.]

Chapter 62-256, F.A.C.

54. **Not federally enforceable.** Open Burning. This permit does not authorize any open burning nor does it constitute any waiver of the requirements of Chapter 62-256, F.A.C. Source shall comply with Chapter 62-256, F.A.C., for any open burning at the source.

[Chapter 62-256, F.A.C.]

Chapter 62-281, F.A.C.

55. Refrigerant Requirements. Any facility having refrigeration equipment, including air conditioning equipment, which uses a Class I or II substance (listed at 40 CFR 82, Subpart A, Appendices A and B), and any facility which maintains, services, or repairs motor vehicles using a Class I or Class II substance as refrigerant must comply with all requirements of 40 CFR 82, Subparts B and F, and with Rule 62-281.100, F.A.C. Those requirements include the following restrictions:

- (1) Any facility having any refrigeration equipment normally containing 50 (fifty) pounds of refrigerant, or more, must keep servicing records documenting the date and type of all service and the quantity of any refrigerant added pursuant to 40 CFR 82.166;
- (2) No person repairing or servicing a motor vehicle may perform any service on a motor vehicle air conditioner (MVAC) involving the refrigerant for such air conditioner unless the person has been properly trained and certified as provided at 40 CFR 82.34 and 40 CFR 82.40, and properly uses equipment approved pursuant to 40 CFR 82.36 and 40 CFR 82.38, and complies with 40 CFR 82.42;
- (3) No person may sell or distribute, or offer for sale or distribution, any substance listed as a Class I or Class II substance at 40 CFR 82, Subpart A, Appendices A and B, except in compliance with Rule 62-281.100, F.A.C., and 40 CFR 82.34(b), 40 CFR 82.42, and/or 40 CFR 82.166;
- (4) No person maintaining, servicing, repairing, or disposing of appliances may knowingly vent or otherwise release into the atmosphere any Class I or Class II substance used as a refrigerant in such equipment and no other person may open appliances (except MVACs as defined at 40 CFR 82.152) for service, maintenance or repair unless the person has been properly trained and certified pursuant to 40 CFR 82.161 and unless the person uses equipment certified for that type of appliance pursuant to 40 CFR 82.158 and unless the person observes the practices set forth at 40 CFR 82.156 and 40 CFR 82.166;
- (5) No person may dispose of appliances (except small appliances, as defined at 40 CFR 82.152) without using equipment certified for that type of appliance pursuant to 40 CFR 82.158 and without observing the practices set forth at 40 CFR 82.156 and 40 CFR 82.166;
- (6) No person may recover refrigerant from small appliances, MVACs and MVAC-like appliances (as defined at 40 CFR 82.152), except in compliance with the requirements of 40 CFR 82, Subpart F.

[40 CFR 82; and, Chapter 62-281, F.A.C. (Chapter 62-281, F.A.C., is not federally enforceable)]

Chapter 62-296, F.A.C.

56. Not federally enforceable until SIP approved. Industrial, Commercial, and Municipal Open Burning Prohibited. Open burning in connection with industrial, commercial, or municipal operations is prohibited, except when:

- (a) Open burning is determined by the Department to be the only feasible method of operation and is authorized by an air permit issued pursuant to Chapter 62-210 or 62-213, F.A.C.; or
- (b) An emergency exists which requires immediate action to protect human health and safety; or
- (c) A county or municipality would use a portable air curtain incinerator to burn yard trash generated by a hurricane, tornado, fire or other disaster and the air curtain incinerator would otherwise be operated in accordance with the permitting exemption criteria of Rule 62-210.300(3), F.A.C.

[Rule 62-296.320(3), F.A.C.]

57. Unconfined Emissions of Particulate Matter.

(4)(c)1. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any emissions unit whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.

3. Reasonable precautions may include, but shall not be limited to the following:

- a. Paving and maintenance of roads, parking areas and yards.
- b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar emissions units.
- d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the emissions unit to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- e. Landscaping or planting of vegetation.
- f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- g. Confining abrasive blasting where possible.
- h. Enclosure or covering of conveyor systems.

4. In determining what constitutes reasonable precautions for a particular facility, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.

[Rules 62-296.320(4)(c)1., 3., & 4. F.A.C.]

[electronic file name: tv-1.doc]



Barbara | file

Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

August 18, 1998

Mr. Lee Schmutde
Vice President, Legal
Walt Disney World Co.
P.O. Box 10,000
Lake Buena Vista, Florida 32830-1000

Re: Walt Disney World Resort
Conditional Exemption for Two Paint Spray Booths
North Service Area Central Shops Building: Character Heads Paint Spray Booth #2 (NSA-17)
Cirque du Soleil Building: Paint Spray Booth #1 (CDS-1)

Dear Mr. Schmutde:

The Department has evaluated the submittal regarding the above referenced proposed new emission activities, in which one (NSA-17) will be co-located with other existing support and maintenance activities located within the North Service Area Central Shops Building (NSACSB) that have volatile organic compounds (VOC) emissions and the other one (CDS-1) being located at a new attraction in the Downtown Disney area (formerly known as Pleasure Island/Disney Village Marketplace).

The NSA-17 operations will be for new fabrication and, as needed, touch-up requirements; also, the operations will be intermittent or batch type (potential/estimated gallons per year usage of paints and solvents are 2050). The increase of potential VOC emissions from the new booth is 4.8 tons per year (TPY) and raises the total aggregate VOC emissions from the NSACSB to 31.0 TPY.

The CDS-1 operations will be used to finish props for the circus-style shows. The props are mainly wood panels and small wood, plastic and metal items. The operations will be intermittent or batch type (potential/estimated gallons per year usage of paints and solvents are 595). The increase of potential VOC emissions from the new booth is 1.5 TPY.

The existing facility is a "major source of air pollution" or "Title V Source" for criteria pollutants and hazardous air pollutant emissions pursuant to Rule 62-210.200, Florida Administrative Code (F.A.C.), Definitions, and received its initial Title V operation permit on December 31, 1997, and became effective on January 1, 1998. Since the proposed contemporaneous VOC emissions increase is much less than the significant emissions rate of 40 TPY contained in Table 212.400-2, F.A.C., the proposal is not subject to PSD new source review pursuant to Rule 62-212.400(5), F.A.C.; also, for PSD review consideration pursuant to Rule 62-212.400(6)(b), F.A.C., it is determined that the proposal is not considered as part of a phase project. Finally, there are no specific emission limiting standards pursuant to Rule 62-204.800 and Chapter 62-296, F.A.C.

Based on the above findings, the Department is granting a conditional exemption from the air permitting requirements of the Florida Department of Environmental Protection for the subject two paint spray booths. The exemption is based on the premise that any air pollutants emitted from the proposed paint spray booths will not be in significant quantities to contribute to air pollution problems in the state pursuant to Rule 62-4.040(1)(b), F.A.C.

The conditions of this exemption are:

A. North Service Area Central Shops Building: Character Heads Paint Spray Booth #2 (NSA-17)

1. The total material usage of the paint spray booth operations is 2050 gallons per calendar year.

2. The owner or operator(s) will account for the materials used using a materials balance scheme, which employs the following:

- a. a beginning inventory of materials in stock (on or about 1/1/yr);
- b. adding any materials received during the year;
- c. subtracting any materials recycled during the year; and,
- d. subtracting any ending inventory of materials in stock (on or about 12/31/yr), with the net result assumed to have been used and emitted.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Walt Disney World Resort

Conditional Exemption for Two Paint Spray Booths

North Service Area Central Shops Building: Character Heads Paint Spray Booth #2 (NSA-17)

Cirque du Soleil Building: Paint Spray Booth #1 (CDS-1)

August 18, 1998

Page 2 of 4

3. Any records kept will be retained for a five year period and made available for Department inspection upon request.
4. The operation of this activity shall not cause or contribute to an objectionable odor.
5. If the conditions on which this exemption are based change, the operator shall notify the Department's Bureau of Air Regulation of the changes and request the exemption be amended.
6. Upon the next opening of the facility's Title V operation permit, which is scheduled for late summer of this year, this paint spray booth will be identified/designated as an "unregulated" emissions unit/activity and placed in Appendix U-1, Unregulated Emissions Units/Activities, for future inventory purposes on an every 5-year basis, starting in year 2000.

B. Cirque du Soleil Building: Paint Spray Booth #1 (CDS-1)

1. The total material usage of the paint spray booth operations is 595 gallons per calendar year.
2. The owner or operator(s) will account for the materials used using a materials balance scheme, which employs the following:
 - a. a beginning inventory of materials in stock (on or about 1/1/yr);
 - b. adding any materials received during the year;
 - c. subtracting any materials recycled during the year; and,
 - d. subtracting any ending inventory of materials in stock (on or about 12/31/yr), with the net result assumed to have been used and emitted.
3. Any records kept will be retained for a five year period and made available for Department inspection upon request.
4. The operation of this activity shall not cause or contribute to an objectionable odor.
5. If the conditions on which this exemption are based change, the operator shall notify the Department's Bureau of Air Regulation of the changes and request the exemption be amended.
6. Upon the next opening of the facility's Title V operation permit, which is scheduled for late summer of this year, this paint spray booth will be identified/designated as an "unregulated" emissions unit/activity and placed in Appendix U-1, Unregulated Emissions Units/Activities, for future inventory purposes on an every 5-year basis, starting in year 2000.

This conditional exemption will take effect 21 days from the clerking date unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, Florida Statutes (F.S.). The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed agency action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within twenty-one days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within twenty-one days of publication of the public notice or within twenty-one days of receipt of this notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within twenty-one days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and, (f) A demand for relief.

Walt Disney World Resort
Conditional Exemption for Two Paint Spray Booths
North Service Area Central Shops Building: Character Heads Paint Spray Booth #2 (NSA-17)
Cirque du Soleil Building: Paint Spray Booth #1 (CDS-1)
August 18, 1998
Page 3 of 4

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the request for conditional exemption have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

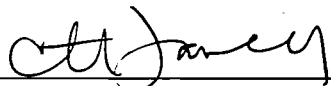
NOTICE OF APPEAL RIGHTS

Any party to this conditional exemption has the right to seek judicial review of it under Section 120.68, F.S., 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 thirty days after this conditional exemption is filed with the Clerk of the Department.

A copy of the conditional exemption and accompanying materials related to the proposed agency action are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Division of Air Resources Management, Suite 23, Magnolia Courtyard, 111 South Magnolia Drive, Tallahassee, Florida 32301, and at the Department's Central Florida District Office, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803-3767.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

for 
Howard L. Rhodes, Director
Division of Air Resources
Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
(850)488-0114

Walt Disney World Resort
Conditional Exemption for Two Paint Spray Booths
North Service Area Central Shops Building: Character Heads Paint Spray Booth #2 (NSA-17)
Cirque du Soleil Building: Paint Spray Booth #1 (CDS-1)
August 18, 1998
Page 4 of 4

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF CONDITIONAL EXEMPTION and all copies were sent by certified mail before the close of business on 08-19-98 to the person(s) listed:

Mr. Lee Schmutde, Vice President, Legal, Walt Disney World Co.

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this NOTICE OF CONDITIONAL EXEMPTION were sent by U.S. mail on the same date to the person(s) listed, unless otherwise noted:

Mr. Len Kozlov, CD (Interoffice mail)
Mr. Bob Beaver, P.E., Walt Disney World Co.
Mr. Richard Bumar, Contact, Walt Disney World Co.
Mr. Scott Sheplak, BAR (hand delivered)

Clerk Stamp

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

Sandra G. Knight 08-19-98
(Clerk) (Date)

HLR/CHF/bm

Enclosure

v:\bruce\permits\0950111x\psbx2.ltr

Enclosure

Available Upon Request



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

FAX TRANSMITTAL SHEET

TO: Rich Bumar

DATE: August 19, 1998 PHONE: (407) 827-2774

TOTAL NUMBER OF PAGES, INCLUDING COVER PAGE: 6

FROM: Clair Fancy
DIVISION OF AIR RESOURCES MANAGEMENT

COMMENTS: _____

PHONE: (850) 922-9198 / Sandy Knight FAX NUMBER: 904/922-6979

If there are any problems with this fax transmittal, please call the above phone number.

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- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. Addressee's Address
2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

**Mr. Lee Schmutde
Vice President, Legal
Walt Disney World Co.
P. O. Box 10,000
Lake Buena Vista, FL 32830-1000**

4a. Article Number
Z 392 940 908

4b. Service Type

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Certified COD

Express Mail Return Receipt for Merchandise

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8. Addressee's Address (Only if requested and fee is paid)

1998

5. Signature (Addressee)

6. Signature (Agent)

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**Mr. Lee Schmutde
Vice President, Legal
Walt Disney World Co.
P. O. Box 10,000
Lake Buena Vista, FL 32830-1000**

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	Return Receipt Showing to Whom & Date Delivered	
	Return Receipt Showing to Whom, Date, and Addressee's Address	
	TOTAL Postage & Fees	\$
Postmark or Date		08-19-98 <i>Jgh</i>



Walt Disney World Co.

RECEIVED

APR 15 1999

**BUREAU OF
AIR REGULATION**

April 8, 1999

Mr. Claire Fancy, P.E.
Chief, Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Rd, MS 5505
Tallahassee, Florida 32399-2400

By Certified Mail

RE: Proposed Title V permit change
Removal of Compost Facility Solid Waste Dryers
Walt Disney World, Co., Permit No. 0950111-005-AV

Dear Mr. Fancy:

The Reedy Creek Improvement District (RCID) is currently involved in the process of negotiating a contract to sell the Lundell System at the RCID Compost Facility to Reclamation and Restoration, Inc. (RRI), and the sale of the Lundell System is imminent. A component of the Lundell System is the Compost Facility Lundell Solid Waste Dryer, which is an emissions unit covered under the Walt Disney World, Co. (WDW) Title V permit.

RRI will accept, process and dispose of solid waste for RCID. RCID will pay RRI a tipping fee for handling the waste and will have no further contact with the waste stream, including recyclable materials, once RRI accepts the waste. Furthermore, once RRI receives and processes the waste, the waste will be removed from the WDW Resort property.

Consequently, since RRI will not be under the control or authority of WDW, it is requested that the Compost Facility Lundell Solid Waste Dryer be removed from the WDW Title V permit. RRI will independently seek an air operating permit for the Solid Waste Dryer.

If you have any questions or need any further information, please call me at (407) 828-1723 or contact Rich Bumar at (407) 827-4524.

Sincerely,

Lee Schmudde
Vice President
Walt Disney World Co. Title V Responsible Official

cc: Mike Morrow
Bruce Mitchell
Armando Rodriguez

4/19/99 cc - Bruce Mitchell

P.O. Box 10,000 / Lake Buena Vista, Florida 32830-1000

Part of the Magic of The Company



Barbara / file

Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

May 27, 1998

Mr. Lee Schmutde
Vice President, Legal
Walt Disney World Co.
P.O. Box 10,000
Lake Buena Vista, Florida 32830-1000

Re: Walt Disney World Resort
Conditional Exemption of Urethane Adhesive Lay-up Workstations (4)
North Service Area Central Shops Building

Dear Mr. Schmutde:

The Department has evaluated the submittal regarding the above referenced proposed new emission activities, which will be co-located with other existing support and maintenance activities located within the North Service Area Central Shops Building that have volatile organic compounds/hazardous air pollutant (VOC/HAP) emissions. Four existing particulate matter emitting work-stations with exhaust systems are being altered to change the method of operations and the pollutant emitted, which will be VOC/HAP emissions. The operations will be for new fabrication and, as needed, touch-up requirements; also, the operations will be intermittent or batch type (estimated hours of operation per station per year are 100). Based on a proposed total material usage of 4,000 gallons per year, 400 hours per year operation and emissions factor of 2.76 lbs VOC/HAP per gallon of material used, the total potential VOC/HAP emissions are 5.52 tons per year (TPY) and, per work-station, 1.38 TPY.

The existing facility is a "major source of air pollution" or "Title V Source" for criteria pollutants and HAP emissions pursuant to Rule 62-210.200, Florida Administrative Code (F.A.C.), Definitions, and received its initial Title V operation permit on December 31, 1997, and became effective on January 1, 1998. Since the proposed contemporaneous VOC emissions increase is much less than the significant emissions rate of 40 TPY contained in Table 212.400-2, F.A.C., the proposal is not subject to PSD new source review pursuant to Rule 62-212.400(5), F.A.C.; also, for PSD review consideration pursuant to Rule 62-212.400(6)(b), F.A.C., it is determined that the proposal is not considered as part of a phase project. Finally, there are no specific emission limiting standards pursuant to Rule 62-204.800 and Chapter 62-296, F.A.C.

Based on the above findings, the Department is granting a conditional exemption from the air permitting requirements of the Florida Department of Environmental Protection for the subject four urethane adhesive lay-up workstations. The exemption is based on the premise that any air pollutants emitted from the workstations will not be in significant quantities to contribute to air pollution problems in the state pursuant to Rule 62-4.040(1)(b), F.A.C.

The conditions of this exemption are:

1. The total material usage of the four urethane adhesive lay-up workstations is 4000 gallons per calendar year.
2. The owner or operator(s) will account for the materials used using a materials balance scheme, which employs the following:
 - a. a beginning inventory of materials in stock (on or about 1/1/yr);
 - b. adding any materials received during the year;
 - c. subtracting any materials recycled during the year; and,
 - d. subtracting any ending inventory of materials in stock (on or about 12/31/yr), with the net result assumed to have been used and emitted.
3. Any records kept will be retained for a five year period and made available for Department inspection upon request.
4. The operation of this activity shall not cause or contribute to an objectionable odor.
5. If the conditions on which this exemption are based change, the operator shall notify the Department's Bureau of Air Regulation of the changes and request the exemption be amended.

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6. Upon the next opening of the facility's Title V operation permit, which is scheduled for early summer of this year, these four workstations will be identified/designated as "unregulated" emissions units/activities and placed in Appendix U-1, Unregulated Emissions Units/Activities, for future inventory purposes on an every 5-year basis, starting in year 2000.

The conditional exemption will take effect 21 days from the clerking date unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, Florida Statutes (F.S.). Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions must be filed within 21 (twenty-one) days of receipt of the notice of permit exemption. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number, and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the permitting authority's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the permitting authority's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of the facts that the petitioner contends warrant reversal or modification of the permitting authority's action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority's action or proposed action; and,
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the permitting authority to take with respect to the action or proposed action addressed in this notice of permit exemption.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of permit exemption. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of permit exemption.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;

(g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,

(h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

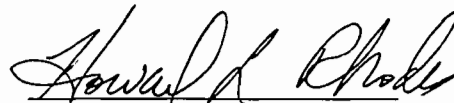
The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Any party to this order (permit exemption) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the permitting authority in the Legal Office; 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 of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the permitting authority.

Executed in Tallahassee, Florida.


**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION**



Howard L. Rhodes, Director
Division of Air Resources
Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
(850)488-0114

Florida Department of
Environmental Protection

Memorandum

TO: Howard Rhodes
FROM: Clair Fancy 
DATE: May 27, 1998
SUBJECT: Approval of Conditional Exemption
Walt Disney World Company
Urethane Adhesive Lay-up Workstations (4)

The attached document is a conditional exemption that will allow Walt Disney World Company to make workstation (4) process changes without the imposition of a construction permitting process and to designate the proposed emissions units/activities as "unregulated". The total potential increase in VOC emissions is 5.5 TPY. The existing booths that will be renovated were particulate matter operations (sanding and grinding). The tentative permitting schedule for opening the initial Title V permit to incorporate these emissions units/activities and other unregulated emissions units/activities is June of this year (application is in progress).

There are no specific emission limiting standards in Rule 62-204.800 and Chapter 62-296, F.A.C. The potential VOC emissions are just above the level (5 tons) for qualifying as "insignificant" pursuant to Rule 62-213.430(6), F.A.C. Based on these facts, I recommend approval and signature of the conditional exemption.

HLR/CHF/bm

Enclosure

cc: Scott Sheplak 

Enclosure
(Available Upon Request)

Z 392 940 893



**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Mr. Lee Schmudde
Vice President, Legal
Walt Disney World Company
Post Office Box 10,000
Lake Buena Vista, FL 32830-1000

PS Form	Certified Fee	
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to Whom & Date Delivered	
	Return Receipt Showing to Whom, Date, and Addressee's Address	
	TOTAL Postage & Fees	\$
	Postmark or Date	06-03-98