



S U P E R N A P
A S W I T C H C O M P A N Y

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VIA E-Mail: RAJAGOPALAN@ClarkCountyNV.gov

June 13, 2016

Mr. Vasant Rajagopalan
Modeler
Clark County Department of Air Quality
4701 W. Russell Road, Suite 200
Las Vegas, NV 89118

RE: Request to Authorize Updated Construction Plans for Switch Las Vegas Facility (Source 16304)

Dear Mr. Rajagopalan:

Switch Communications Group, LLC (Switch) owns and operates five advanced technology ecosystem communications facilities (NAP7, NAP8, NAP9, NAP10, and NAP11) and one datacenter engineering training center (Switch University) in Las Vegas, Nevada. Collectively, NAP7, NAP8, NAP9, NAP10, NAP11, and Switch University are considered a single stationary source for air quality permitting purposes, and for ease of reference, are herein described singularly as "the Facility." The Facility is located within the jurisdiction of the Clark County Department of Air Quality (DAQ) and currently operates under the Part 70 Operating Permit for Source 16304, issued by DAQ on February 26, 2016 (Operating Permit).

Switch is proposing to make revisions to the site layout for NAP7 and Switch University. The proposed site layout changes include the following:

- Two emergency engines associated with NAP7 (Emission Unit IDs A35 and A36 that are yet to be constructed) will now be part of Switch University;
- Two emergency engines (Emission Unit IDs L01 and L02 that are yet to be constructed) will have different locations as compared to what was originally proposed. Note that these engines will continue to be part of Switch University;
- Two cooling towers (Emission Unit IDs M01 and M02) will no longer be constructed at Switch University;
- Building dimensions of Switch University will be updated; and
- Property boundaries of Switch University will be altered to account for more refined information.

The updates to the Facility are not expected to increase the Facility's impact to the surrounding community. Switch is submitting this letter containing updated construction information to request DAQ's written confirmation that 1) Switch does not need to obtain a permit to implement the proposed site layout changes and; 2) DAQ authorizes construction to implement the proposed site layout under Switch's current Operating Permit.¹

¹ Per phone call discussion between Richard Beckstead (DAQ) and Melissa Hillman (Trinity Consultants) on May 10, 2016.

PERMITTED SITE LAYOUT

The permitted NAP7 site layout is shown in Figure 1 below. The blocks outlined with a red rectangle in Figure 1 represent emission units (EUs) A35 and A36, the engines associated with NAP7 that will now be located at Switch University.

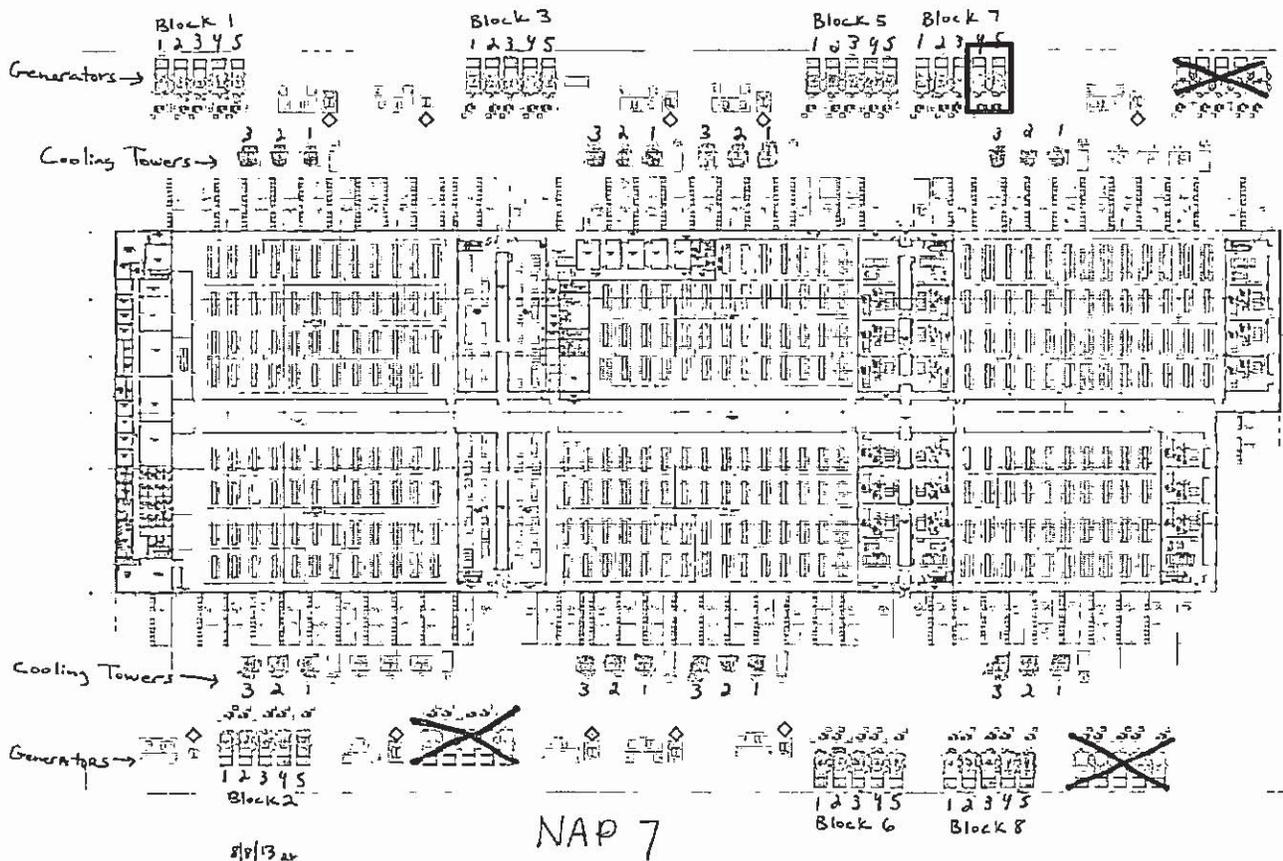


Figure 1: NAP7 Original Site Layout

The permitted Switch University site layout is shown in Figure 2 below. The blocks outlined with a red rectangle in Figure 2 represent the original locations that were proposed for EUs L01 and L02. The two blocks on the south side of Switch University in Figure 2 represent the cooling tower EUs M01 and M02 which Switch is no longer proposing to construct.

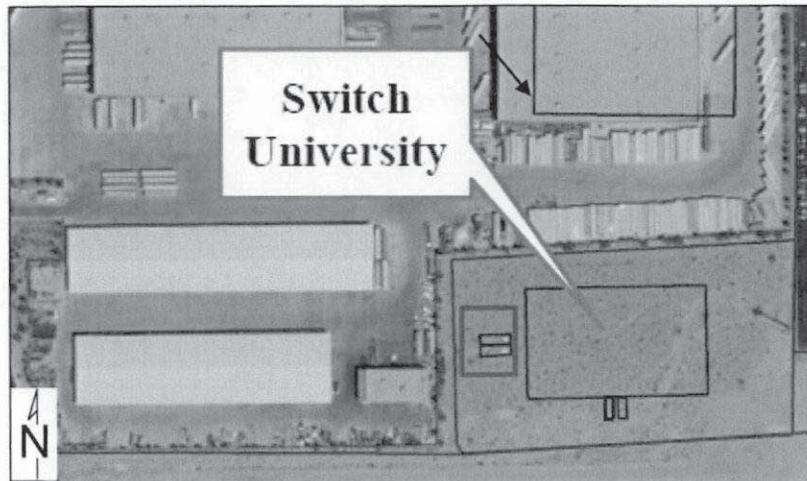


Figure 2: Switch University Original Site Layout

PROPOSED SWITCH UNIVERSITY SITE LAYOUT

The proposed site layout for NAP7 will remain unchanged with the exception of removing EUs A35 and A36, indicated by the blocks outlined with a red rectangle in Figure 1. The proposed site layout for Switch University can be seen in Figure 3. Note that the proposed Switch University site layout indicates new building dimensions and property boundaries, which can be seen in detail in Appendix A. The red-outlined blocks in Figure 3 represent the proposed locations of A35, A36, L01 and L02 at Switch University. There is no update to the emission rates or dispersion parameters from previously permitted engines. The cooling towers M01 and M02 will no longer be constructed.

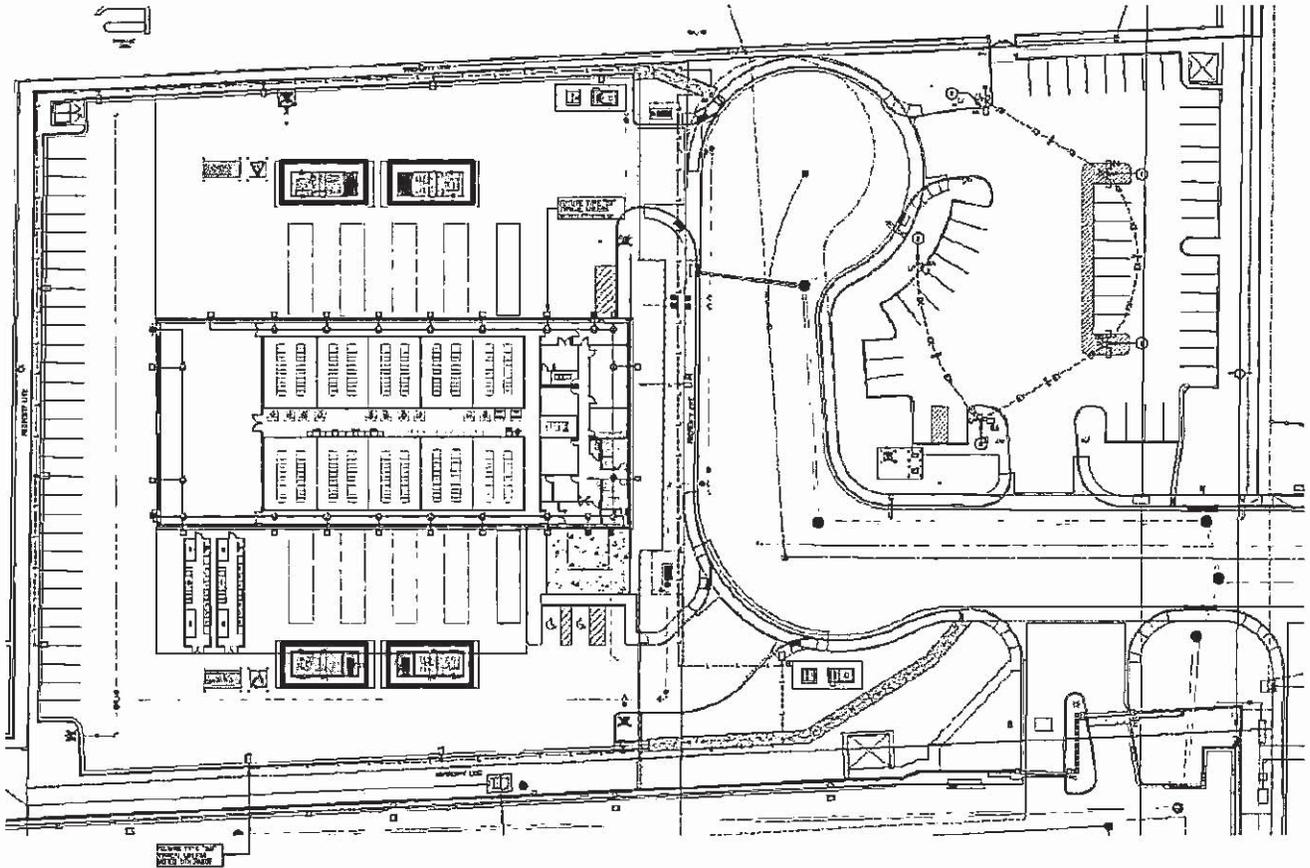


Figure 3: Switch University Proposed Site Layout

Table 1 indicates the historically modeled emission unit names and locations and the updated emission unit names and locations. A detailed drawing of the proposed site layout of Switch University can be seen in Appendix A.

Table 1: Original and Proposed Engine Location Coordinates¹

Permitted Engine Name	Model ID	Permitted X Coordinate (meters)	Permitted Y Coordinate (meters)	Permitted Elevation	Proposed Engine Name	Proposed X Coordinate (meters)	Proposed Y Coordinate (meters)	Proposed Elevation (m)
A35	A35	661,276	3,992,172	717	L03	660,880	3,991,951	725
A36	A36	661,281	3,992,172	717	L04	660,892	3,991,951	724
L01	A122	660,869	3,991,990	725	L01	660,880	3,992,020	724
L02	A123	660,869	3,991,984	725	L02	660,891	3,992,020	724

1. Emission source coordinates are identified in Universal Transverse Mercator (UTM) in the World Geodetic System revised in 1984 (WGS 84) for Zone 11. Elevation data determined using National Elevation Data (NED) downloaded from USGS in conjunction with AERMAP software.

CONCLUSION

Switch is eager to continue forward with the proposed site layout for the Facility. Given the information in this letter, Switch respectfully requests DAQ's written correspondence confirming that 1) Switch does not need to obtain a permit to implement the proposed site layout changes and; 2) DAQ authorizes construction to implement the proposed site layout under Switch's current Operating Permit.

As the responsible official for the Facility, I certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in this letter are true, accurate, and complete.

If you have any questions or comments about the information presented in this letter, please do not hesitate to call me at (702) 267-6619 or Ms. Melissa Hillman (Trinity Consultants, Inc.) at (510) 285-6351.

Sincerely,

A handwritten signature in black ink, appearing to read 'GH', with a long horizontal flourish extending to the right.

Mr. Gabriel Herrera
Executive Vice President of Critical Systems

cc: Brandie Koehler, Switch (Las Vegas, NV)
Melissa Hillman, Trinity Consultants, Inc. (Oakland, CA)

APPENDIX A: SWITCH UNIVERSITY PROPOSED SITE LAYOUT

NOTES

1. SEE ALL NOTES ON SHEETS E00.01 THROUGH E00.03 FOR GENERAL NOTES AND SPECIFICATIONS.
2. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
3. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IBC AND ALL APPLICABLE CODES.
4. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IBC AND ALL APPLICABLE CODES.

GENERAL NOTES

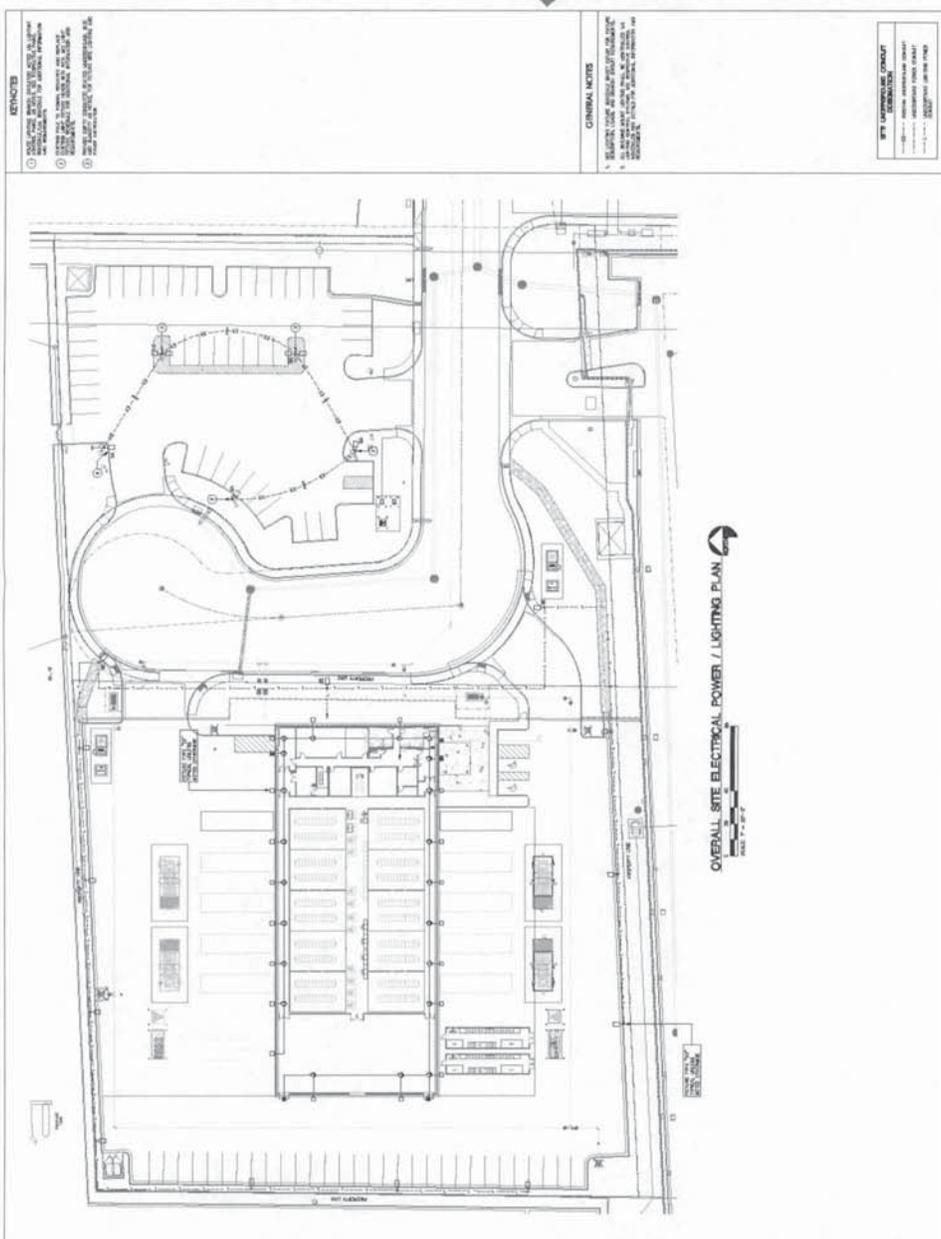
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PROLIMINARY
NOT FOR
CONSTRUCTION



DATE	DESCRIPTION
10/15/2024	ISSUED FOR PERMIT
08/15/2024	ISSUED FOR CONSTRUCTION
07/15/2024	ISSUED FOR REVIEW
06/15/2024	ISSUED FOR REVIEW

E00.04
10/15/2024



OVERALL SITE ELECTRICAL POWER / LIGHTING PLAN

BY: JEFFREY A. ...
REGISTERED PROFESSIONAL ENGINEER
LICENSE NO. ... STATE OF ...

GENERAL NOTES

1. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
2. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IBC AND ALL APPLICABLE CODES.
3. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IBC AND ALL APPLICABLE CODES.

CLARK COUNTY
DEPARTMENT OF AIR QUALITY
4701 West Russell Road, Suite 200, Las Vegas, Nevada 89118

Part 70 Operating Permit

Source: 16304

Issued in accordance with the
Clark County Air Quality Regulations (AQR)
(Section 12.5)

ISSUED TO: Switch Communications Group, LLC

SOURCE LOCATION:

7135 S. Decatur Blvd
Las Vegas, NV 89118
T22S, R60E, S01
Hydrographic Basin Number: 212 – Las Vegas Valley

COMPANY ADDRESS:

7135 S. Decatur Blvd
Las Vegas, NV 89118

NATURE OF BUSINESS:

SIC Code: 7389 – Business Services
NAICS Code 518210 - Data Processing, Hosting, and Related Services

RESPONSIBLE OFFICIAL:

Name: Gabriel Herrera
Title: EVP of Critical Systems
Phone: (702) 267-6619
E-Mail Address: gherrera@supernap.com

Permit Issuance: February 26, 2016

Expiration Date: February 25, 2021

ISSUED BY: CLARK COUNTY DEPARTMENT OF AIR QUALITY



Richard D. Beckstead
Permitting Manager, Clark County Department of Air Quality

EXECUTIVE SUMMARY

Switch Communications Group, LLC is a major Part 70 source of NO_x and minor stationary source of PM₁₀, PM_{2.5}, CO, SO₂, and VOC. The source is located at 7135 S. Decatur Blvd., Las Vegas, Nevada 89118, in the Las Vegas Valley airshed, hydrographic basin number 212. Las Vegas Valley is attainment for all criteria pollutants.

Switch Communications Group, LLC owns and operates six separate and adjacent advanced technology ecosystem communications facilities referred to as NAP7, NAP8, NAP 9, NAP 10, NAP 11 and a training center called Switch University. The source is categorized under SIC Code 7389 – Business Services and NAICS Code 518210 - Data Processing, Hosting, and Related Services.

The source consists of diesel powered emergency generators and cooling towers as emission units. The potential emissions for the source are shown below:

Source PTE –Emissions Units (tons per year)

Pollutant	PM ₁₀	PM _{2.5}	NO _x	CO	SO _x	VOC	HAP
Source PTE	2.30	1.19	119.48	15.66	0.58	1.74	0.58

Source-wide PTE – Including Unconstructed Units (tons per year)

Pollutant	PM ₁₀	PM _{2.5}	NO _x	CO	SO _x	VOC	HAP
Source PTE	4.88	2.49	249.26	32.67	1.21	3.63	1.21

The issuance of this initial Part 70 Operating Permit is based on the application for an initial Part 70 Operating Permit submitted to Air Quality on May 9, 2014, an application for an Authority to Construct submitted on February 11, 2015, and supplemental information submitted on April 14, 2015 and December 2, 2015.

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I. ACRONYMS

Table I-1: List of Acronyms and Abbreviations

Acronym	Term
AQR	Clark County Air Quality Regulations
ATC	Authority to Construct
CF	Control Factor
CFR	United States Code of Federal Regulations
CO	Carbon Monoxide
CPI	Urban Consumer Price Index
DAQ	Clark County Department of Air Quality
DOM	Date of Manufacture
EF	Emission Factor
EO	Executive Order
EPA	United States Environmental Protection Agency
EU	Emission Unit
HAP	Hazardous Air Pollutant
HP	Horse Power
ICE	Internal Combustion Engine
kW	kiloWatt
NAICS	North American Industry Classification System
NO _x	Nitrogen Oxides
NRS	Nevada Revised Statutes
NSPS	New Source Performance Standards
OP	Operating Permit
PM _{2.5}	Particulate Matter less than 2.5 microns
PM ₁₀	Particulate Matter less than 10 microns
ppm	Parts per Million
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
SCC	Source Classification Codes
SIC	Standard Industrial Classification
SO _x	Sulfur Oxides
TSD	Technical Support Document
VOC	Volatile Organic Compound

II. GENERAL CONDITIONS

A. General Requirements

1. The Permittee shall comply with all conditions of the Part 70 Operating Permit. Any permit noncompliance may constitute a violation of the Clark County Air Quality Regulations, Nevada law, and the Clean Air Act and is grounds for the following: enforcement action; permit termination; revocation and re-issuance, revision or denial of a permit renewal application. *[AQR 12.5.2.6(g)(1)]*
2. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall not be affected and shall remain valid. *[AQR 12.5.2.6(f)]*
3. The Permittee shall pay all permit fees pursuant to AQR Section 18. *[AQR 12.5.2.6(h)]*
4. The permit does not convey any property rights of any sort, or any exclusive privilege. *[AQR 12.5.2.6(g)(4)]*
5. The Permittee agrees to allow inspection of the premises, to which this permit relates, by the Control Officer at any time during the Permittee's hours of operation without prior notice. The Permittee shall not obstruct, hamper or interfere with any such inspection. *[AQR 4.3.3; AQR 4.9; AQR 5.1.1; AQR 12.5.2.8(b)]*
6. Due to the security issues, upon receiving prior notice, the Permittee shall allow the Control Officer, upon presentation of credentials to: *[AQR 4.3 and 12.5.2.8(b)]*
 - a. Have access to and copy any records that must be kept under the conditions of the permit;
 - b. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;
 - c. Sample or monitor substances or parameters for the purpose of assuring compliance with the permit or applicable requirements; and
 - d. Document alleged violations using devices such as cameras or video equipment.
7. Any Permittee who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, the Permittee shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a draft permit. A responsible official shall certify the additional information consistent with the requirements of AQR Section 12.5.2.4. *[AQR 12.5.2.2]*
8. The Permittee who has been issued a permit under Section 12.5 shall post such permit in a location which is clearly visible and accessible to the facility's employees and representatives of the department. *[AQR 12.5.2.6(m)]*

B. Modification, Revision, Renewal Requirements

1. No person shall begin actual construction of a New Part 70 source, or modify or reconstruct an existing Part 70 source that falls within the preconstruction review applicability criteria, without first obtaining an ATC Permit from the Control Officer [AQR 12.4.1.1(a)]
2. The permit may be revised, revoked, reopened and reissued, or terminated for cause. The filing of a request by the Permittee for a permit revision, revocation, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [AQR 12.5.2.6(g)(3)]
3. A permit, permit revision, or renewal may be approved only if all of the following conditions have been met: [AQR 12.5.2.10(a)]
 - a. The Permittee has submitted to the Control Officer a complete application for a permit, permit revision, or permit renewal, except that a complete application need not be received before a Part 70 general permit is issued pursuant to Section 12.5.2.20; and
 - b. The conditions of the permit provide for compliance with all applicable requirements and the requirements of Section 12.5
4. The Permittee shall not build, erect, install or use any article, machine, equipment or other contrivance, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere reduces or conceals an emission, which would otherwise constitute a violation of an applicable requirement. [AQR 80.1 and 40 CFR 60.12]
5. No permit revisions shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in the permit. [AQR 12.5.2.6(i)]
6. Permit expiration terminates the Permittee's right to operate unless a timely and complete renewal application has been submitted. [AQR 12.5.2.11(b)]
7. For purposes of permit renewal, a timely application is a complete application that is submitted at least six (6) months and not greater than eighteen (18) months prior to the date of permit expiration. If a source submits a timely application under this provision, it may continue operating under its current Part 70 Operating Permit until final action is taken on its application for a renewed Part 70 Operating Permit. [AQR 12.5.2.1(a)(2)]

C. Reporting/Notifications/Providing Information Requirements

1. The Permittee shall submit all compliance certifications to EPA and to the Control Officer. [AQR 12.5.2.8(e)(4)]
2. Any application form, report, or compliance certification submitted to the Control Officer pursuant to the permit or AQRs shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required under AQR 12.5 shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the

document are true, accurate, and complete. [AQR 12.5.2.6(l)]

3. The Permittee shall furnish to the Control Officer, within a reasonable time, any information that the Control Officer may request in writing to determine whether cause exists for revising, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the Permittee shall also furnish to the Control Officer copies of records required to be kept by the permit, or, for information claimed to be confidential, the Permittee may furnish such records directly to the Administrator along with a claim of confidentiality. [AQR 12.5.2.6(g)(5)]
4. Upon request of the Control Officer, the Permittee shall provide such information or analyses as will disclose the nature, extent, quantity or degree of air contaminants which are or may be discharged by such source, and type or nature of control equipment in use, and the Control Officer may require such disclosures be certified by a professional engineer registered in the state. In addition to such report, the Control Officer may designate an authorized agent to make an independent study and report as to the nature, extent, quantity or degree of any air contaminants which are or may be discharged from the source. An authorized agent so designated is authorized to inspect any article, machine, equipment, or other contrivance necessary to make the inspection and report. [AQR 4.4]
5. The Permittee shall submit annual emissions inventory reports based on the following: [AQR 18.6.1]
 - a. The annual emissions inventory must be submitted to Air Quality by March 31 of each calendar year; and
 - b. The report shall include the emission factors and calculations used to determine the emissions from each permitted emission unit, even when an emission unit is not operated.

D. Compliance Requirements

1. The Permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [AQR 12.5.2.6(g)(2)]
2. Any person who violates any provision of the AQR, including, but not limited to, any application requirement; any permit condition; any fee or filing requirement; any duty to allow or carry out inspection, entry or monitoring activities or any requirements by Air Quality is guilty of a civil offense and shall pay civil penalty levied by the Air Pollution Control Hearing Board and/or the Hearing Officer of not more than \$10,000. Each day of violation constitutes a separate offense. [AQR 9.1; NRS 445B.640]
3. Any person aggrieved by an order issued pursuant to AQR Section 9.1 is entitled to review as provided in Chapter 233B of NRS. [AQR 9.12]
4. The Permittee shall comply with the requirements of 40 CFR 61, Subpart M, of the National Emission Standard for Asbestos for all demolition and renovation projects. [AQR 13.1(b)(8)]

5. The Permittee shall certify compliance with terms and conditions contained in the Part 70 Operating Permit, including emission limitations, standards, work practices, and the means for monitoring such compliance. [AQR 12.5.2.8(e)]
6. The Permittee shall submit compliance certifications annually in writing to the Control Officer (4701 W Russell Road, Ste 200, Las Vegas, NV 89118) and the Administrator at USEPA Region IX (Director, Air and Toxics Divisions, 75 Hawthorne St., San Francisco, CA 94105). A compliance certification for each calendar year will be due on January 30th of the following year and shall include the following: [AQR 12.5.2.8(e)]
 - a. The identification of each term or condition of the permit that is the basis of the certification;
 - b. The identification of the methods or other means used by the Permittee for determining the compliance status with each term and condition during the certification period. The methods and means shall include, at a minimum, the monitoring and related recordkeeping and reporting requirements described in 40 CFR 70.6(a)(3). If necessary, the Permittee shall also identify any other material information that must be included in the certification to comply with Section 113(c)(2) of the Act, which prohibits knowingly making a false certification or omitting material information;
 - c. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the methods or means designated in subsection II.D.6(b). The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify, as possible exceptions to compliance, any periods during which compliance is required and in which an excursion or exceedance, as defined under 40 CFR Part 64, occurred
7. The Permittee shall report to the Control Officer (4701 West Russell Road, Suite – 200, Las Vegas, NV 89118) any startup, shutdown, malfunction, emergency or deviation which cause emissions of regulated air pollutants in excess of any limits set by regulation or by this permit. The report shall be in two parts as specified below: [AQR 12.5.2.6(d)(4)(B); AQR 25.6.1]
 - a. Within twenty-four (24) hours of the time the Permittee learns of the excess emissions, the report shall be communicated by phone (702) 455-5942, fax (702) 383-9994, or email: airquality@clarkcountynv.gov; and
 - b. Within seventy-two (72) hours of the notification required by paragraph (a) above, the detailed written report containing the information required by AQR Section 25.6.3 shall be submitted.
8. The Permittee shall report to the Control Officer with the semi-annual monitoring report all deviations from permit conditions that do not result in excess emissions, including those attributable to malfunction, startup, or shutdown. Reports shall identify the probable cause of each deviation and any corrective actions or preventative measures taken. [AQR 12.5.2.6(d)(4)(B)]

9. The owner or operator of any source required to obtain a permit under Section 12 shall report to the Control Officer emissions that are in excess of an applicable requirement or emission limit that pose a potential imminent and substantial danger to public health, safety or the environment as soon as possible, but in no case later than twelve (12) hours after the deviation is discovered, with a written report submitted within two (2) days of the occurrence. [AQR 25.6.2]

E. Performance Testing Requirements

1. Upon request of the Control Officer, the Permittee shall test or have tests performed to determine the emissions of air contaminants from any source whenever the Control Officer has reason to believe that an emission in excess of that allowed by the Air Quality regulations is occurring. The Control Officer may specify testing methods to be used in accordance with good professional practice. The Control Officer may observe the testing. All tests shall be conducted by reputable, qualified personnel. [AQR 4.5]
2. Upon request of the Control Officer, the Permittee shall provide necessary holes in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices, as may be necessary for proper determination of the emission of air contaminants. [AQR 4.6]
3. The Permittee shall submit for approval a performance testing protocol which contains testing, reporting, and notification schedules, test protocols, and anticipated test dates to the Control Officer (4701 West Russell Road, Suite 200, Las Vegas, NV 89118) not less than 45, nor more than 90 days prior to the anticipated date of the performance test, unless otherwise specified in Section III.D. [AQR 12.5.2.8]
4. The Permittee shall submit to EPA for approval any alternative test methods that are not already approved by EPA, to demonstrate compliance with a requirement under 40 CFR Part 60. [40 CFR 60.8(b)]
5. The Permittee shall submit a report describing the results of each performance test to the Control Officer within 60 days from the end of the performance test. [AQR 12.5.2.8]

III. EMISSION UNITS AND APPLICABLE REQUIREMENTS

A. Emissions Units and PTE

1. The stationary source covered by this Part 70 Operating Permit consists of the emission units and associated appurtenances summarized in Tables III-A-1 through III-A-3. [ATC 02/25/2015 Condition IV-A-1(a)]

Table III-A-1: Summary of Emissions Units NAP 7

EU	Rating	Description	Make	Model	Serial
A02	2,250 kW	Generator, Emergency	Detroit Diesel	2250 DSEC	2185979
	3,353 hp	Diesel Engine, DOM: 2007			
A03	2,250 kW	Generator, Emergency	Detroit Diesel	2250 DSEC	2183867

EU	Rating	Description	Make	Model	Serial
	3,353 hp	Diesel Engine, DOM: 2007			
A04	2,250 kW	Generator, Emergency	Detroit Diesel	2250 DSEC	2185985
	3,353 hp	Diesel Engine, DOM: 2007			
A05	2,250 kW	Generator, Emergency	Detroit Diesel	2250 DSEC	2183861
	3,353 hp	Diesel Engine, DOM: 2007			
A06	2,250 kW	Generator, Emergency	Detroit Diesel	2250 DSEC	2183870
	3,353 hp	Diesel Engine, DOM: 2007			
A07	2,250 kW	Generator, Emergency	Detroit Diesel	2250LXC6DT2	176196-1-2-0608
	3,353 hp	Diesel Engine, DOM: 2009			
A08	2,250 kW	Generator, Emergency	Detroit Diesel	2250LXC6DT2	175966-1-2-0608
	3,353 hp	Diesel Engine, DOM: 2009			
A09	2,250 kW	Generator, Emergency	Detroit Diesel	2250LXC6DT2	175966-1-3-0608
	3,353 hp	Diesel Engine, DOM: 2009			
A10	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	330055-1-2-0311
	3,353 hp	Diesel Engine, DOM: 2011			
A11	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	330055-1-3-0311
	3,353 hp	Diesel Engine, DOM: 2011			
A12	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	330055-1-1-0311
	3,353 hp	Diesel Engine, DOM: 2011			
A13	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	333726-1-1-0811
	3,353 hp	Diesel Engine, DOM: 2011			
A14	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	333726-2-2-0811
	3,353 hp	Diesel Engine, DOM: 2011			
A15	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	333726-2-1-0811
	3,353 hp	Diesel Engine, DOM: 2011			
A16	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	334657-1-1-0811
	3,353 hp	Diesel Engine, DOM: 2012			
A17	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	341530-1-1-0112
	3,353 hp	Diesel Engine, DOM: 2012			
A18	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	341565-1-3-0212
	3,353 hp	Diesel Engine, DOM: 2012			
A19	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	341565-1-2-0212
	3,353 hp	Diesel Engine, DOM: 2012			
A20	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	341565-1-1-0212
	3,353 hp	Diesel Engine, DOM: 2012			
A21	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	346646-1-1-0512
	3,353 hp	Diesel Engine, DOM: 2011			
A22	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348117-1-3-0812
	3,353 hp	Diesel Engine, DOM: 2011			
A23	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348117-1-1-1112
	3,353 hp	Diesel Engine, DOM: 2013			
A24	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	356251-1-4-0213
	3,353 hp	Diesel Engine, DOM: 2013			

EU	Rating	Description	Make	Model	Serial
A25	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	346646-1-2-0512
	3,353 hp	Diesel Engine, DOM: 2011			
A26	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348117-1-2-0812
	3,353 hp	Diesel Engine, DOM: 2011			
A27	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	36251-1-1-0213
	3,353 hp	Diesel Engine, DOM: 2013			
A28	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	356251-1-2-0213
	3,353 hp	Diesel Engine, DOM: 2013			
A29	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	356251-1-3-0213
	3,353 hp	Diesel Engine, DOM: 2013			
A32	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369338-1-3-0114
	3,353 hp	Diesel Engine, DOM: 2014			
A33	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369338-1-1-0114
	3,353 hp	Diesel Engine, DOM: 2014			
A34	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369338-1-2-0114
	3,353 hp	Diesel Engine, DOM: 2014			
B01	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	7-324424
B02	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	7-324425
B03	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	7-324426
B04	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	7-324359
B05	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	7-324360
B07	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	10-386399
B08	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	10-386400
B09	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	10-386401
B10	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-411470
B11	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-411468
B12	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-411469
B13	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-452969
B14	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-452982
B15	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-452987
B16	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-458991
B17	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	12-468982
B18	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	12-468985
B19	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	12-468996
B20	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	13-523739
B21	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	13-658453
B23	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	14-719109

Table III-A-2: Summary of Emissions Units NAP 8

EU	Rating	Description	Make	Model	Serial
C01	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348116-1-1-0712
	3,353 hp	Diesel Engine, DOM: 2013			
C02	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348116-1-2-0712

EU	Rating	Description	Make	Model	Serial
	3,353 hp	Diesel Engine, DOM: 2013			
C03	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348116-1-3-0712
	3,353 hp	Diesel Engine, DOM: 2013			
C04	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	360838-1-3-0713
	3,353 hp	Diesel Engine, DOM: 2014			
C05	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	360838-1-1-0713
	3,353 hp	Diesel Engine, DOM: 2014			
C06	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	360838-1-2-0713
	3,353 hp	Diesel Engine, DOM: 2014			
C07	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	365276-1-1-1013
	3,353 hp	Diesel Engine, DOM: 2014			
C08	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	365276-1-2-1013
	3,353 hp	Diesel Engine, DOM: 2014			
C09	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	365276-1-3-1013
	3,353 hp	Diesel Engine, DOM: 2014			
C10	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369877-1-1-0514
	3,353 hp	Diesel Engine, DOM: 2014			
C11	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369877-1-3-0614
	3,353 hp	Diesel Engine, DOM: 2014			
C12	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369877-1-2-0614
	3,353 hp	Diesel Engine, DOM: 2014			
C13	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	370421-1-1-0514
	3,353 hp	Diesel Engine, DOM: 2014			
C14	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	370421-1-2-0514
	3,353 hp	Diesel Engine, DOM: 2014			
C15	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	370421-1-3-0514
	3,353 hp	Diesel Engine, DOM: 2014			
C16	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	341565-1-2-0212
	3,353 hp	Diesel Engine, DOM: 2014			
C17	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369767-1-3-0214
	3,353 hp	Diesel Engine, DOM: 2014			
C18	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369767-1-2-0214
	3,353 hp	Diesel Engine, DOM: 2014			
C19	2,250 kW	Generator, Emergency	Marathon Electric	16V4000DS2250	95030500170
	3,353 hp	Diesel Engine, DOM: 2015			
C20	2,250 kW	Generator, Emergency	Marathon Electric	16V4000DS2250	95030500168
	3,353 hp	Diesel Engine, DOM: 2015			
C21	2,250 kW	Generator, Emergency	Marathon Electric	16V4000DS2250	95030500169
	3,353 hp	Diesel Engine, DOM: 2015			
D01	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	12-485179
D02	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	12-485182
D03	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	13-544070
D04	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	13-544060

EU	Rating	Description	Make	Model	Serial
D05	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	14-673905
D06	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	14-686651
D07	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	13-655349
D08	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	13-655348
D10	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	14-686661
D11	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	14-686648
D12	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	14-686653

Table III-A-3: Summary of Emissions Units NAP 9

EU	Rating	Description	Make	Model	Serial
G02	2,250 kW	Generator, Emergency	Marathon Electric	MTU16V4000DS2250	95030500157
	3,353 hp	Diesel Engine, DOM: 2015			
G04	2,250 kW	Generator, Emergency	Marathon Electric	MTU16V4000DS2250	95030500158
	3,353 hp	Diesel Engine, DOM: 2015			
G06	2,250 kW	Generator, Emergency	Marathon Electric	MTU16V4000DS2250	95030500159
	3,353 hp	Diesel Engine, DOM: 2015			
G13	2,250 kW	Generator, Emergency	Marathon Electric	MTU16V4000DS2250	95030500256
	3,353 hp	Diesel Engine, DOM: 2015			
G15	2,250 kW	Generator, Emergency	Marathon Electric	MTU16V4000DS2250	95030500255
	3,353 hp	Diesel Engine, DOM: 2015			
G17	2,250 kW	Generator, Emergency	Marathon Electric	MTU16V4000DS2250	95030500249
	3,353 hp	Diesel Engine, DOM: 2015			
H01	1,250 gpm	Cooling Tower	Evapco	ESWB1246018	14-715086
H02	1,250 gpm	Cooling Tower	Evapco	ESWB1246018	14715088
H07	1,250 gpm	Cooling Tower	Evapco	ESWB1246018	15-758292
H08	1,250 gpm	Cooling Tower	Evapco	ESWB1246018	15-758298
H09	1,250 gpm	Cooling Tower	Evapco	ESWB1246018	15766408
H10	1,250 gpm	Cooling Tower	Evapco	ESWB1246018	15766416

B. Emission Limitations and Standards

1. Emission Limitations

- a. The Permittee shall ensure that each emission unit does not exceed its corresponding individual PTE (as shown in Table III-B-1), in any consecutive 12-month period: *[ATC 02/25/2015 Table III-A-1]*

Table III-B-1: Emissions Unit PTE (tons per year)

Rating / EU Type	Identical EU's Group	PM ₁₀	PM _{2.5}	NO _x	CO	SO ₂	VOC	HAP
3,353 hp Diesel Engine (58 units)	A02 - A29, A32, A33, A34, C01 - C21, G02, G04, G06, G13, G15, G17	0.02	0.02	2.06	0.27	0.01	0.03	0.01
1,250 gpm Cooling Tower (38 units)	B01 - B05, B07 - B21, B23, D01 - D08, D10, D11, D12, H01, H02, H07, H08, H09, H10	0.03	0.0009	0	0	0	0	0

Each EU group consists of identical EU's with identical PTE.

- b. The Permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for a period of more than 6 consecutive minutes. [AQR 26.1.1]
- c. The diesel engines powering the emergency generators (EUs: A02 through A09) shall comply with the emission standards set forth in Table 1 of 40 CFR 60, Subpart IIII for the same model year and maximum engine power. The emission standards are provided in Table III-B-2:

Table III-B-2: Emission standards for 2007-2010 model year ICE's > 3,000 hp

Maximum Engine Power	HC	NO _x	CO	PM
Engine Power >560 kW	1.3 (g/kW-hr)	9.2 (g/kW-hr)	11.4 (g/kW-hr)	0.54 (g/kW-hr)

- d. The diesel engines powering the emergency generators (EUs: A10 through A29, A32, A33, A34, C01 through C21, G02, G04, G06, G13, G15, and G17) shall comply with the emission standards set forth in 40 CFR §89.112 and 40 CFR §89.113 for new non-road CI engines for the same model year and maximum engine power. The emission standards are provided in Table III-B-3:

Table III-B-3: Emission standards for 2011+ model year ICE's > 3,000 hp

Maximum Engine Power	NMHC + NO _x	CO	PM
Engine Power > 560 kW	6.4 (g/kW-hr)	3.5 (g/kW-hr)	0.2 (g/kW-hr)

2. Production Limits

- a. The Permittee shall limit the operation of each emergency generator for testing, maintenance, and operation during emergencies to 104 hours per calendar year (EUs: A02 through A29, A32, A33, A34, C01 through C21, G02, G04, G06, G13, G15, and G17). [ATC 02/25/2015 Condition IV-A-3(a)]
- b. The Permittee shall not use the emergency generators for peak shaving or demand response (EUs: A02 through A29, A32, A33, A34, C01 through C21, G02, G04, G06, G13, G15, and G17). [ATC 02/25/2015 Condition IV-A-3(b)]

3. Control Requirements

Generators/Engines

1. The Permittee shall operate each diesel emergency generator with turbochargers and separate circuit air coolers (EUs: A02 through A29, A32, A33, A34, C01 through C21, G02, G04, G06, G13, G15, and G17). *[ATC 02/25/2015 Condition IV-B-1]*
2. The Permittee shall operate and maintain each diesel emergency generator in accordance with the manufacturer's specifications. A copy of the manufacturer's specifications shall be kept on site (EUs: A02 through A29, A32, A33, A34, C01 through C21, G02, G04, G06, G13, G15, and G17). *[ATC 02/25/2015 Condition IV-B-2]*
3. The Permittee shall only combust diesel fuel with a maximum sulfur content of 15 ppm and either a minimum cetane index of 40 or a maximum aromatic content of 35 percent by volume in each diesel emergency generator (EUs: A02 through A29, A32, A33, A34, C01 through C21, G02, G04, G06, G13, G15, and G17). *[40 CFR §60.4207(b)]*

Cooling Towers

4. The Permittee shall operate each cooling tower with drift eliminators that have a manufacturer's maximum drift rate of 0.001 percent (EUs: B01 through B05, B07 through B21, B23, D01 through D08, D10, D11, D12, H01, H02, H07, H08, H09, and H10). *[ATC 02/25/2015 Condition IV-B-4 and ATC 06/27/2014 Condition IV-B-4]*
5. The Permittee shall maintain the TDS content of the circulation water in each cooling tower at or below 2,100 ppm (EUs: B01 through B05, B07 through B21, B23, D01 through D08, D10, D11, D12, H01, H02, H07, H08, H09, and H10). *[ATC 02/25/2015 Condition IV-B-5 and ATC 06/27/2014 Condition IV-B-5]*
6. The Permittee shall operate and maintain each cooling tower in accordance with the manufacturer's specifications (EUs: B01 through B05, B07 through B21, B23, D01 through D08, D10, D11, D12, H01, H02, H07, H08, H09, and H10). *[ATC 02/25/2015 Condition IV-B-6 and ATC 06/27/2014 Condition IV-B-6]*
7. No chromium containing compounds shall be used for water treatment in any cooling towers. *[ATC 02/25/2015 Condition IV-B-7 and ATC 06/27/2014 Condition IV-B-7]*

Other

8. The Permittee shall not cause, suffer or allow the discharge from any source whatsoever such quantities of air contaminants or other material which cause a nuisance, including excessive odors. *[AQR Sections 40 and 43]*

C. Monitoring

1. The Permittee shall conduct a visual emissions check for visible emissions from emergency generators while operated for testing and maintenance purposes, but not less frequently than quarterly. *[AQR 12.5.2.6(d)]*

2. If the Permittee, during the visible emissions check, does not see any plume that, on an instantaneous basis, appears to exceed the opacity standard, then the observer shall keep a record of the name of the observer, the date on which the observation was made, the location, and the results of the observation. [AQR 12.5.2.6(d)]
3. If the Permittee sees a plume that, on an instantaneous basis, appears to exceed the opacity standard, the Permittee shall: [AQR 12.5.2.6(d)]
 - a. Take immediate action to correct causes of fugitive/stack emissions that appear to exceed allowable opacity limits; or
 - b. If practical, have a certified VE observer take an EPA method 9 observation of the plume and record the results, and take immediate action to correct causes of fugitive emissions in excess of allowable opacity limits in accordance with 40 CFR 60 Appendix A: Reference Method 9.
4. Visible emissions checks do not require a certified VE observer, except where visible emissions appear to exceed the allowable opacity limit and exceed 30 seconds in duration, and an EPA Method 9 observation is made to establish it does not exceed the standard. [AQR 12.5.2.6(d)]

Generators/Engines

1. The Permittee shall operate each emergency generator with a non-resettable hour meter and monitor the duration of operation for testing and maintenance, and separately for emergencies (EUs: A02 through A29, A32, A33, A34, C01 through C21, G02, G04, and G06). [AQR 12.5.2.6(d)]
2. The Permittee shall monitor the average NO_x emissions from the emergency generators by testing at least ten (10) percent of the generator units, per year, using a portable analyzer approved in advance by the Control Officer. [AQR 12.5.2.6(d)]

Cooling Towers

3. The Permittee shall monitor the TDS of the cooling tower recirculation water monthly using a hand-held conductivity meter, or other device approved in advance by the Control Officer (EUs: B01 - B05, B07 – B21, B23, D01 - D08, D10, D11, D12, H01, H02, H07, H08, H09, and H10). [AQR 12.5.2.6(d)]

D. Testing

1. Upon written request by the Control Officer, the Permittee may be required to conduct performance testing on the emergency generators (EUs: A02 through A29, A32, A33, A34, C01 through C21, G02, G04, and G06) to demonstrate compliance with the emission limits in 40 CFR 60, Subpart IIII. [AQR 12.5.2.6(d)]

E. Record Keeping

1. The Permittee shall maintain the following records onsite: [AQR 12.5.2.6(d)]
 - a. Dates and time when visible emissions checks are taken and the steps taken to make any necessary corrections to bring opacity into compliance;

- b. Monthly monitoring results of total dissolved solid content of cooling tower circulation water for each cooling tower (EUs: B01 - B05, B07 – B21, B23, D01 - D08, D10, D11, D12, H01, H02, H07, H08, H09, and H10);
 - c. Date and duration of operation of each emergency generator for testing, maintenance, and emergency use (EUs: A02 through A29, A32, A33, A34, C01 through C21, G02, G04, and G06);
 - d. Results of the portable analyzer tests on each emergency generator;
 - e. Sulfur content and cetane index or aromatic content of diesel fuel used in the diesel engines for each diesel fuel shipment; and
 - f. Equipment inspections and maintenance.
2. The Permittee shall maintain the following records onsite for reporting: *[AQR 12.5.2.6]*
- a. Monthly and annual total operating hours for each diesel generator;
 - b. Annual average of the portable analyzer test results on the emergency generators;
 - c. Deviations from permit requirements that result in excess emissions; (reported as required in Section II-D-7 of this permit)
 - d. Deviations from permit requirements that do not result in excess emissions; and
 - e. Calculation of annual emissions for each emission unit, and for the entire source.

F. Reporting

1. All report submissions shall be addressed to the attention of the Control Officer. *[AQR 14.1(b)]*
2. All reports shall contain the following: *[AQR 12.5.2.6(d)]*
 - a. A certification statement on the first page, i.e., "I certify that, based on information and belief formed after reasonable inquiry, the statements contained in this document are true, accurate and complete." (A sample form is available from Air Quality); and
 - b. A certification signature from a responsible official of the company and the date of certification.
3. The Permittee shall submit annual emissions inventory reports based on the following: *[AQR 18.6.1]*
 - a. The annual emissions inventory must be submitted to Air Quality by March 31 of each calendar year; and
 - b. The report shall include the emission factors and calculations used to determine the emissions from each permitted emission unit, even when an emission unit is not operated.

4. The Permittee shall submit compliance certifications annually in writing to the Control Officer (4701 W Russell Road, Ste 200, Las Vegas, NV 89118) and the Administrator at USEPA Region IX (Director, Air and Toxics Divisions, 75 Hawthorne St., San Francisco, CA 94105). A compliance certification for each year will be due on January 30th of the following year and shall include the following: [AQR 12.5.2.8(e)]
5. The Permittee shall submit semi-annual monitoring reports to Air Quality based on the following requirements: [AQR 12.5.2.6(d)]
 - a. The report shall include a semi-annual summary of each item listed in Section III-E-2(a through d).
 - b. The report shall be based on a calendar semi-annual basis, which includes partial reporting periods.
 - c. The report shall be received by Air Quality within 30 calendar days after the semi-annual period. Regardless of the date of issuance of this Title V Permit, the source shall comply with the schedule for report submissions outlined in Table III-F-1:

Table III-F-1: Required Submission Dates for Various Reports

Required Report	Applicable Period	Due Date
Semi-annual Report for 1 st Six-Month Period	January, February, March, April, May, June	July 30 each year ¹
Semi-annual Report for 2 nd Six-Month Period, Any additional annual records required.	July, August, September, October, November, December	January 30 each year ¹
Annual Compliance Certification Report	Calendar Year	January 30 each year ¹
Annual Emission Inventory Report	Calendar Year	March 31 each year ¹
Notification of Malfunctions, Startup, Shutdowns or Deviations with Excess Emission	As Required	Within 24 hours of when the Permittee learns of the event
Report of Malfunctions, Startup, Shutdowns or Deviations with Excess Emission	As Required	Within 72 hours of the notification
Deviation Report without Excess Emissions	As Required	Along with semi-annual reports ¹
Performance Testing	As Required	Within 60 days from the end of the test ¹

¹ If the due date falls on a Saturday, Sunday or a Federal or Nevada holiday, then the submittal is due on the next regularly scheduled business day.

6. Replacement of failed engines associated with the emergency generators with identical engines (same manufacturer and model) requires notification prior to installation, but will not require a permit revision unless there is an emission rate increase from the replacement engines. [AQR 12.5]
7. The Control Officer reserves the right to require additional reports and reporting to verify compliance with permit emission limits, applicable permit requirements, and requirements of applicable federal regulations. [AQR 4.4]

IV. OTHER REQUIREMENTS

1. The Permittee shall not use, sell, or offer for sale any fluid as a substitute material for any motor vehicle, residential, commercial, or industrial air conditioning system, refrigerator freezer unit, or other cooling or heating device designated to use a CFC or HCFC compound as a working fluid, unless such fluid has been approved for sale in such use by the Administrator. The Permittee shall keep record of all paperwork relevant to the applicable requirements of 40 CFR 82 on site. [40 CFR 82]

ATTACHMENT 1 APPLICABLE REGULATIONS

REQUIREMENTS SPECIFICALLY IDENTIFIED AS APPLICABLE:

1. NRS, Chapter 445B.
2. Applicable AQR Sections:

Citation	Title
AQR Section 0	Definitions
AQR Section 4	Control Officer
AQR Section 5	Interference with Control Officer
AQR Section 8	Persons Liable for Penalties – Punishment: Defense
AQR Section 9	Civil Penalties
AQR Section 10	Compliance Schedule
AQR Section 11	Ambient Air Quality Standards
AQR Section 12.5	Part 70 Operating Permit Requirements
AQR Section 13.2.82	National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
AQR Section 18	Permit and Technical Service Fees
AQR Section 25	Affirmative Defense for Excess Emissions due to Malfunctions, Startup and Shutdown
AQR Section 26	Emissions of Visible Air Contaminants
AQR Section 28	Fuel Burning Equipment
AQR Section 40	Prohibition of Nuisance Conditions
AQR Section 41	Fugitive Dust
AQR Section 42	Open Burning
AQR Section 43	Odors in the Ambient Air
AQR Section 70	Emergency Procedures

Citation	Title
AQR Section 80	Circumvention

3. CAAA, Authority: 42 U.S.C. § 7401, et seq.
4. Applicable 40 CFR Subsections:

Citation	Title
40 CFR 52.21	Prevention of Significant Deterioration (PSD)
40 CFR 52.1470	SIP Rules
40 CFR 60, Subpart A	Standards of Performance for New Stationary Sources (NSPS) – General Provisions
40 CFR 60	Appendix A, Method 9 or equivalent, (Opacity)
40 CFR 60, Subpart IIII	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
40 CFR 63, Subpart ZZZZ	National Emission Stations for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
40 CFR 70	Federally Mandated Operating Permits
40 CFR 82	Protection of Stratospheric Ozone

ATTACHMENT 2

Complete List of Emissions Units as per ATC's – 02/25/2015 and 06/27/2014

Summary of Emissions Units NAP 7 – Complete List as per ATC 02/25/2015

EU	Rating	Description	Make	Model	Serial
A02	2,250 kW	Generator, Emergency	Detroit Diesel	2250 DSEC	2185979
	3,353 hp	Diesel Engine, DOM: 2007			
A03	2,250 kW	Generator, Emergency	Detroit Diesel	2250 DSEC	2183867
	3,353 hp	Diesel Engine, DOM: 2007			
A04	2,250 kW	Generator, Emergency	Detroit Diesel	2250 DSEC	2185985
	3,353 hp	Diesel Engine, DOM: 2007			
A05	2,250 kW	Generator, Emergency	Detroit Diesel	2250 DSEC	2183861
	3,353 hp	Diesel Engine, DOM: 2007			
A06	2,250 kW	Generator, Emergency	Detroit Diesel	2250 DSEC	2183870
	3,353 hp	Diesel Engine, DOM: 2007			
A07	2,250 kW	Generator, Emergency	Detroit Diesel	2250LXC6DT2	176196-1-2-0608
	3,353 hp	Diesel Engine, DOM: 2009			
A08	2,250 kW	Generator, Emergency	Detroit Diesel	2250LXC6DT2	175966-1-2-0608
	3,353 hp	Diesel Engine, DOM: 2009			
A09	2,250 kW	Generator, Emergency	Detroit Diesel	2250LXC6DT2	175966-1-3-0608
	3,353 hp	Diesel Engine, DOM: 2009			
A10	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	330055-1-2-0311
	3,353 hp	Diesel Engine, DOM: 2011			
A11	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	330055-1-3-0311

EU	Rating	Description	Make	Model	Serial
	3,353 hp	Diesel Engine, DOM: 2011			
A12	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	330055-1-1-0311
	3,353 hp	Diesel Engine, DOM: 2011			
A13	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	333726-1-1-0811
	3,353 hp	Diesel Engine, DOM: 2011			
A14	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	333726-2-2-0811
	3,353 hp	Diesel Engine, DOM: 2011			
A15	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	333726-2-1-0811
	3,353 hp	Diesel Engine, DOM: 2011			
A16	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	334657-1-1-0811
	3,353 hp	Diesel Engine, DOM: 2012			
A17	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	341530-1-1-0112
	3,353 hp	Diesel Engine, DOM: 2012			
A18	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	341565-1-3-0212
	3,353 hp	Diesel Engine, DOM: 2012			
A19	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	341565-1-2-0212
	3,353 hp	Diesel Engine, DOM: 2012			
A20	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	341565-1-1-0212
	3,353 hp	Diesel Engine, DOM: 2012			
A21	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	346646-1-1-0512
	3,353 hp	Diesel Engine, DOM: 2011			
A22	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348117-1-3-0812
	3,353 hp	Diesel Engine, DOM: 2011			
A23	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348117-1-1-1112
	3,353 hp	Diesel Engine, DOM: 2013			
A24	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	356251-1-4-0213
	3,353 hp	Diesel Engine, DOM: 2013			
A25	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	346646-1-2-0512
	3,353 hp	Diesel Engine, DOM: 2011			
A26	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348117-1-2-0812
	3,353 hp	Diesel Engine, DOM: 2011			
A27	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	36251-1-1-0213
	3,353 hp	Diesel Engine, DOM: 2013			
A28	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	356251-1-2-0213
	3,353 hp	Diesel Engine, DOM: 2013			
A29	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	356251-1-3-0213
	3,353 hp	Diesel Engine, DOM: 2013			
A30	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
A31	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
A32	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369338-1-3-0114
	3,353 hp	Diesel Engine, DOM: 2014			

EU	Rating	Description	Make	Model	Serial
A33	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369338-1-1-0114
	3,353 hp	Diesel Engine, DOM: 2014			
A34	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369338-1-2-0114
	3,353 hp	Diesel Engine, DOM: 2014			
A35	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
A36	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
B01	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	7-324424
B02	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	7-324425
B03	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	7-324426
B04	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	7-324359
B05	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	7-324360
B07	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	10-386399
B08	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	10-386400
B09	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	10-386401
B10	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-411470
B11	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-411468
B12	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-411469
B13	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-452969
B14	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-452982
B15	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-452987
B16	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	11-458991
B17	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	12-468982
B18	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	12-468985
B19	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	12-468996
B20	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	13-523739
B21	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	13-658453
B22	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
B23	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	14-719109
B24	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
B25	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD

Summary of Emissions Units NAP 8 – Complete List as per ATC 02/25/2015

EU	Rating	Description	Make	Model	Serial
C01	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348116-1-1-0712
	3,353 hp	Diesel Engine, DOM: 2013			
C02	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348116-1-2-0712
	3,353 hp	Diesel Engine, DOM: 2013			
C03	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	348116-1-3-0712
	3,353 hp	Diesel Engine, DOM: 2013			
C04	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	360838-1-3-0713
	3,353 hp	Diesel Engine, DOM: 2014			

EU	Rating	Description	Make	Model	Serial
C05	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	360838-1-1-0713
	3,353 hp	Diesel Engine, DOM: 2014			
C06	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	360838-1-2-0713
	3,353 hp	Diesel Engine, DOM: 2014			
C07	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	365276-1-1-1013
	3,353 hp	Diesel Engine, DOM: 2014			
C08	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	365276-1-2-1013
	3,353 hp	Diesel Engine, DOM: 2014			
C09	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	365276-1-3-1013
	3,353 hp	Diesel Engine, DOM: 2014			
C10	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369877-1-1-0514
	3,353 hp	Diesel Engine, DOM: 2014			
C11	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369877-1-3-0614
	3,353 hp	Diesel Engine, DOM: 2014			
C12	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369877-1-2-0614
	3,353 hp	Diesel Engine, DOM: 2014			
C13	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	370421-1-1-0514
	3,353 hp	Diesel Engine, DOM: 2014			
C14	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	370421-1-2-0514
	3,353 hp	Diesel Engine, DOM: 2014			
C15	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	370421-1-3-0514
	3,353 hp	Diesel Engine, DOM: 2014			
C16	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	341565-1-2-0212
	3,353 hp	Diesel Engine, DOM: 2014			
C17	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369767-1-3-0214
	3,353 hp	Diesel Engine, DOM: 2014			
C18	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	369767-1-2-0214
	3,353 hp	Diesel Engine, DOM: 2014			
C19	2,250 kW	Generator, Emergency	Marathon Electric	16V4000DS2250	95030500170
	3,353 hp	Diesel Engine, DOM: 2015			
C20	2,250 kW	Generator, Emergency	Marathon Electric	16V4000DS2250	95030500168
	3,353 hp	Diesel Engine, DOM: 2015			
C21	2,250 kW	Generator, Emergency	Marathon Electric	16V4000DS2250	95030500169
	3,353 hp	Diesel Engine, DOM: 2015			
C22	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
C23	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
C24	2,250 kW	Generator, Emergency	Marathon Electric	2250LXC6DT2	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
D01	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	12-485179
D02	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	12-485182
D03	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	13-544070

EU	Rating	Description	Make	Model	Serial
D04	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	13-544060
D05	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	14-673905
D06	1,250 gpm	Cooling Tower	Evapco	ESWA 216C-460	14-686651
D07	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	13-655349
D08	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	13-655348
D09	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
D10	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	14-686661
D11	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	14-686648
D12	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	14-686653
D13	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
D14	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
D15	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
D16	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD

**Summary of Emissions Units NAP 9 (Previously 9A) – Complete List as per ATC
02/25/2015**

EU	Rating	Description	Make	Model	Serial
G01	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G02	2,250 kW	Generator, Emergency	Marathon Electric	MTU16V4000DS2250	95030500158
	3,353 hp	Diesel Engine, DOM: 2015			
G03	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G04	2,250 kW	Generator, Emergency	Marathon Electric	MTU16V4000DS2250	95030500159
	3,353 hp	Diesel Engine, DOM: 2015			
G05	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G06	2,250 kW	Generator, Emergency	Marathon Electric	MTU16V4000DS2250	95030500157
	3,353 hp	Diesel Engine, DOM: 2015			
G07	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G08	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G09	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G10	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G11	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G12	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G13	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			

EU	Rating	Description	Make	Model	Serial
G14	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G15	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G16	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G17	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G18	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G19	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G20	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G21	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G22	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G23	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
G24	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
H01	1,250 gpm	Cooling Tower	Evapco	ESWB1246018	14-715086
H02	1,250 gpm	Cooling Tower	Evapco	ESWB1246018	14715088
H03	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H04	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H05	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H06	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H07	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	15-758292
H08	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	15-758298
H09	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H10	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H11	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H12	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H13	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H14	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H15	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
H16	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD

**Summary of Emissions Units NAP 10 (Previously 9B) – Complete List as per ATC
02/25/2015**

EU	Rating	Description	Make	Model	Serial
E01	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E02	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E03	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E04	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E05	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E06	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E07	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E08	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E09	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E10	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E11	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E12	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E13	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E14	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E15	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E16	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E17	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
E18	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
F01	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
F02	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
F03	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
F04	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
F05	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD

EU	Rating	Description	Make	Model	Serial
F06	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
F07	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
F08	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
F09	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
F10	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
F11	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
F12	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD

Summary of Emissions Units NAP 11 (Previously 10) – Complete List as per ATC 02/25/2015

EU	Rating	Description	Make	Model	Serial
J01	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J02	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J03	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J04	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J05	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J06	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J07	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J08	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J09	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J10	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J11	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J12	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J13	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J14	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J15	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J16	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			

EU	Rating	Description	Make	Model	Serial
J17	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
J18	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
K01	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K02	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K03	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K04	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K05	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K06	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K07	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K08	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K09	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K10	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K11	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
K12	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD

**Summary of Emissions Units Switch University – Complete List as per ATC
02/25/2015**

EU	Rating	Description	Make	Model	Serial
L01	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
L02	2,250 kW	Generator, Emergency	Marathon Electric	TBD	TBD
	3,353 hp	Diesel Engine, DOM: 2015			
M01	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD
M02	1,250 gpm	Cooling Tower	Evapco	ESWA 216-460	TBD