

**Technical Support Document
Regarding Proposed Renewal
To the HL Power Company Title V Permit**

Introduction

The Lassen County Air Pollution Control District (District) proposes to renew the Title V Operating Permit of HL Power Company. This Technical Support Document sets forth the legal and factual basis for the conditions contained in the renewed permit.

HL Power Company operates a 34.5 megawatt cogeneration facility in Wendel, California. The facility is powered by Zurn-Nepco boiler rated at 315,000 pounds of steam per hour with a wood fired furnace.

The Facility's allowable boiler emissions are detailed below:

1. Opacity greater than 10% for any period or periods aggregating more than 3 minutes in any one hour.
2. Particulate Matter (TSP) in excess of 15.01 lbs/hr, 3 hr. avg. or 0.01 gr/dscf corrected to 12% CO₂ whichever is more stringent.
3. Nitrogen Oxides as NO₂ in excess of 50.5 lbs/hr., 3 hr. average or .10 lbs/MMBTU.
4. Carbon Monoxide (CO) in excess of 379 lbs/hr., 3 hr. average or 0.75lbs/MMBTU.
5. Hydrocarbons (VOC) in excess of 21.22 lbs/hr.
6. Sulfur Oxides (SOX) in excess of 4.55 lbs/hr.

HL Power Company is operating in compliance with applicable Federal, State, and Local Rules. Records indicate that no notices to comply or notices of violation have been issued to the facility.

Facility Location and Description

HL Power Company is a "Qualifying Facility" capable of producing process steam from a waste heat boiler for use in generating electricity. HL Power Company is considered a Federal Major Source and subject to the Title V permitting program due to the facility's potential to emit oxides of nitrogen (NO_x) and carbon monoxide (CO).

Located at 732-025 Wendel Rd. in Wendel, CA, HL Power Company is approximately 6 miles east of Litchfield, CA, and approximately 20 miles east of Susanville, CA. The area around HL Power Company is sparsely populated. The topography surrounding HL Power is predominately flat/high desert to the north, east, and west. The nearest residence is located approximately 1.4

miles to the northwest of the Facility. The nearest school is located approximately 6 miles west of the facility in Litchfield, CA. Approximately one mile south of the Facility is the Flemming Unit of the Honey Lake Wildlife Area.

Equipment Description

The major equipment located at the HL Power Company facility include:

1 each – Zurn Boiler, Model Number SN1011-84, Capacity 315,000 lb/hr

As approved by the U.S. Environmental Protection Agency (U.S. EPA), the following equipment is subject to federal regulations and LCAPCD Rule 2:0 requires engines over 50 HP to be permitted:

1 each- Emergency Diesel Generator (1490 HP)
1 each- Emergency Diesel Fire pump engine (152 HP)
1 each- Emergency Diesel Engine (40 HP)

The previous Title V permit listed this equipment as exempt. This is because the previous permit was issued in 2006 and it was not until January, 2011 that the LCAPCD amended its rules so that these engines are no longer exempt. These units are subject to federal and local regulations and the District will enforce the requirements of Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines adopted by the California Air Resources Control Board on May 19, 2011. The requirements of the ATCM are incorporated into the 2012 Title V permit.

Emission Control Devices

1. Electrostatic Precipitator
2. Multicone Collector
3. Ammonia Injection

Permitting History / Boiler Emission Limits

- 1) March 1, 1988; Lassen County Air Pollution Control District issued Authority to Construct (ATC).
- 2) March 11, 1988; Approval to Construct (PSD) issued by USEPA.
- 3) February 9, 1991 Approval to Construct amended.
- 4) May 1, 1998; first Title V permit issued.
- 5) January 3, 2006 Title V permit renewed.

HL Power Company has submitted an application for renewal of their Title V permit. In reviewing the application, discrepancies in emission limits were observed between the various permits issued over the years. The following table (Table 1) outlines the

discrepancies.

Table 1
Emission Limit Discrepancies
Boiler Emission Limits

Contaminant	1988 ATC Limits	1988 PSD Limits	1991 PSD Revised Limits	1998 Title V Permit Limits	2006 Title V Permit Limits
Particulate Matter	10.8 lb/hr and .022 lb/million BTU (as PM10)	15.01 lbs/hr 3 – hour avg; 0.10 gr/dscf @ 12% CO ₂ (as TSP)	15.01 lbs/hr 3 – hour avg; 0.10 gr/dscf @ 12% CO ₂ (as TSP)	15.0 lbs/hr 3 – hour avg; 0.10 gr/dscf @ 12% CO ₂ (as TSP) References PSD	15.0 lbs/hr 3 – hour avg; 0.10 gr/dscf @ 12% CO ₂ (as TSP) References PSD
Oxides of Nitrogen	50.5 lb/hr and .10 lb/million BTU	56.32 lbs/hr 3 – hour avg; .10 lbs / MMBTU	56.32 lbs/hr 3 – hour avg; .10 lbs / MMBTU	56.0 lbs/hr 3 – hour avg; References PSD	50.5 lbs/hr 3 – hour avg; References PSD
Carbon Monoxide	151.5 lbs/hr and .03 lb/million BTU	154 lbs/hr 3 – hour avg; 0.3 lbs / MMBTU	379 lbs/hr 3 – hour avg; 0.75 lbs / MMBTU	154 lbs/hr – References PSD	374 lbs/hr – References PSD
Hydrocarbons VOC	20.2 lb/hr and .04 lb/million BTU	21.22 lbs/hr 3 – hour avg; 0.040 lbs/MMBTU	21.22 lbs/hr 3 – hour avg; 0.040 lbs/MMBTU	21.22 lbs/hr – References PSD	21.22 lbs/hr – References PSD
Sulfur Oxides	4.55 lb/hr and 0.009 lb/million BTU				4.55 lb/hr and 0.009 lb/million BTU

The LCAPCD is an agency that has experienced staff turnover at key positions. As such, the agency lacks the institutional knowledge necessary to recall the reasons for the varying emission limits. A thorough file review has yielded no compelling evidence as to why the emission limits varied over the years. Evidence suggests that the various permitting documents were erroneously referenced throughout the years when preparing the Title V permit. The original ATC limits were derived from Table 1 of the document titled “New Source Review for The HL Power Company 39.5 Megawatt Wood-Fired and Geothermal Power Plant”. The Approval to Construct/Modify (PSD) limits were taken from Table 1 in the document titled “Ambient Air Quality Impact Report (NSR 4-4-2, NE 87-01)”

The 1988 ATC limits, 1988 PSD limits and the 1991 revised PSD limits were referenced inconsistently in the Title V permits, creating inconsistency in the allowable emission limits among the various documents. There is a need to clarify and memorialize the permit emission limits so that future permit renewals can transpire consistently and expeditiously. In reviewing the files, it is apparent that the intent of the Air District Staff was that the PSD limits would prevail as the limits for the HL Power Company Title V permit. The evidence for this is that in

each Title V permit issued (1998, 2006), references were made to the PSD at each emission limit listed with one exception, SO_x (SO_x was not included in the PSD).

Based on file research observations and several conversations with the US EPA and HL Power Company, the 2012 Title V permit will contain the 1991 Revised PSD contaminant emission limits for Particulate Matter, Carbon Monoxide, and Hydrocarbons. Nitrogen Oxides will remain at the lower (1988 ATC) limit of 50.5 lbs/hour., 3 hour avg, or .10 lb/million BTU . Sulfur Oxides are not specifically addressed in the PSD and therefore will also remain the same as indicated in the original Authority to Construct (1988 ATC).

The maximum allowable emission limits for the Zurn Boiler, at HL Power Company, are to be included in the 2012 Title V permit as indicated in Table 2.

Table 2
2012 Title V Permit
Boiler Emission Limits

Particulate Matter (TSP)	Nitrogen Oxides as NO ₂	Carbon Monoxide (NO)	Hydrocarbons (VOC)	Sulfur Oxides SO _x
15.01 lbs/hr 3 – hour avg; or 0.10 gr/dscf @ 12% CO ₂ (as TSP)	50.5 lb/hr 3-hour avg; or .10 lb/million BTU	379 lbs/hr 3 – hour avg; or 0.75 lbs / MMBTU	21.22 lbs/hr 3 – hour avg; or 0.040 lbs/MMBTU	4.55 lb/hr or 0.009 lb/million BTU

The limits in Table 2 differ slightly with the 2006 Title V Permit limits as indicated in Table 3 below. Due to the lack of adequate documentation in the files that would explain the various limit discrepancies, the idea to reset all limits, pursuant to the 1991 revised PSD, was considered heavily. However; HL Power Company has demonstrated its ability to comply with the limits in Table 2, therefore it would be difficult to justify a significant increase in NO_x emissions through the Title V permit renewal process. HL Power Company may wish to pursue the revised PSD NO_x limit at a later date.

Table 3
2006 Title V Permit
Boiler Emission Limits

Particulate Matter (TSP)	Nitrogen Oxides as NO ₂	Carbon Monoxide (NO)	Hydrocarbons (VOC)	Sulfur Oxides SO _x
15.0 lbs/hr 3 – hour avg; or 0.10 gr/dscf @ 12% CO ₂ (as TSP) (2012 Title V permit will adjust to 15.01 per 1991 PSD)	50.5 lb/hr 3-hour avg; or .10 lb/million BTU (2012 Title V permit will add .10 lb/million BTU added per 1991 PSD)	374 lbs/hr 3 – hour avg; or 0.75 lbs / MMBTU (2012 Title V will adjust to 379 per 1991 PSD)	21.22 lbs/hr 3 – hour avg; or 0.040 lbs/MMBTU (No change from 2006 Title V Permit)	4.55 lb/hr or 0.009 lb/million BTU (No change from 2006 Title V Permit)

Total Stationary Source Emissions:

The estimated annual emissions at HL Power Company for all regulated pollutants are indicated in Table 4. The values are based on operating 8760 hours per year. Natural gas is used only for startup, shutdown or flame stabilization. Fugitive PM emissions from material receiving and processing, and diesel emission from operation of standby generator.

Table 4
Total Estimated Annual Stationary Source Emissions

Criteria Pollutants (tons per year)									
NOx	SOx	CO	TSP/PM	VOC	Lead				
222.2	19.9	1638	92.5	92.9	0.022				
Non Criteria Pollutants (tons per year)									
Acetaldehyde	Ammonia	Benzene	Chlorine	Dioxins	Formaldehyde	Furans	Napthalene	Phenols	Phosphorous
0.14	131	0.5	0.00143	7.15×10^{-9}	0.60	1.3×10^{-6}	0.24	0.0012	0.0257

Green House Gas Emissions:

The 2012 Carbon Dioxide Equivalent emissions are reported as 10,690 metric tons (excluding biogenic); 286,732 metric tons (exempt biogenic). (HL Power's 2012 GHG Summary Report)

APPLICABLE FEDERAL REQUIREMENTS:

Based upon the information submitted in the original Title V permit application, the following applicable federal requirements apply to this facility:

40 CFR 52.21: PSD Permitting Requirements:

HL Power Company is subject to the requirements of 40 CFR 52.21. HL Power Company is considered a major source pursuant to 40 CFR 52.21 (b) (1). This regulation sets the procedures for the review of new or renewals of existing major stationary emission sources. HL Power Company is an existing facility and not proposing any major modifications and as such is not subject to additional review under this section. Since the subject emission source was issued a PSD permit in 1988 as the Approval to Construct for the facility, the conditions of the Approval to Construct are incorporated in the proposed renewal Title V permit unless a specific condition was revised (or added) in subsequently issued Permits to Operate.

STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES

40 CFR 60.7 Notification and record keeping:

As a stationary source with apparatuses for which standards of performance are promulgated under 40 CFR part 60, HL Power Company is subject to the requirements of this part. Record keeping and notification requirements are addressed in the Title V permit.

40 CFR 60.8 Performance tests:

As a stationary source with apparatuses for which standards of performance are promulgated under 40 CFR part 60, HL Power Company is subject to the requirements of this part. Performance source test requirements are addressed in the Title V permit.

40 CFR 60.11 Compliance with standards and maintenance requirements:

As a stationary source with apparatuses for which standards of performance are promulgated under 40 CFR part 60, HL Power Company is subject to the requirements of this part. Compliance with standards and maintenance requirements are addressed in the Title V permit. 40 CFR 60.11 addresses opacity standards. The Title V permit requires continuous emission monitoring for opacity, NO_x, CO, and CO₂ emissions.

40 CFR 60.13 Monitoring Requirements:

As a stationary source with apparatuses for which standards of performance are promulgated under 40 CFR part 60, HL Power Company is subject to the requirements of this part. Compliance with standards and maintenance requirements are addressed in the Title V permit. 40 CFR 60.13 addresses continuous monitoring systems. The Title V permit requires continuous emission monitoring standards for the facility.

40 CFR 60 Subpart Da: Standards of Performance for Electric Utility Steam Generating Units.

HL Power is not capable of combusting more than 73 megawatts (MW) per hour of heat input or fossil fuel. Thereby the facility is not subject to 40 CFR 60 Subpart Da.

40 CFR 60 Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.

HL Power Company operates three (3) stationary compression ignition internal

combustion engines. 1) One 1490 HP emergency standby generator (E-1). 2) One 40 hp emergency standby diesel generator (E-2); and 3) One 152 hp diesel internal combustion engine that is used to power the emergency fire pump at the facility (E-3). E-1, and E-2 are subject to Subpart IIII based on their installation dates.

Owners and operators of stationary CI ICE that commence construction after July 11, 2005, where the stationary ICE are : (i) manufactured after April 1, 2006 are subject to 40 CFR 60 subpart IIII. E-1 was manufactured in October, 2006 and is thereby subject to this subpart. E-2 was manufactured in May, 2006 and is thereby subject to this subpart. HL Power has provided documentation for E-1 and E-2 indicating compliance with applicable emission standards listed in 40 CFR 60.4202.

Beginning October 1, 2007, owners and operators of stationary CI ICE subject to this subpart that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 80.510(a). Title V permit condition V.B.3 requires the use of CARB ultra-low sulfur diesel fuel, which meets the requirement of 40 CFR 80.510(a).

Pursuant to 40 CFR 60.4211 HL Power is in compliance by keeping by purchasing an engine certified according to 40 CFR part 89 or 40 CFR Part 94 and by keeping records of engine manufacture data indicating compliance with the standards.

40 CFR Part 60, Subpart Db – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units:

HL Power Company operates a steam generating unit that was constructed after June 19, 1984 that has a heat input capacity of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)). As such, HL power company is subject to 40 CFR Part 60, Subpart Db. The Title V permit provides standards for Sulfur Dioxide; Particulate Matter, and Oxides of Nitrogen.

40 CFR.63.400 National Emissions Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers.

HL Power Company operates a cooling tower at their facility. No chromium based water treatment chemicals are used in the cooling tower. Therefore this section does not apply to HL Power Company.

40 CFR 63 Subpart YYYY: National Emissions Standards for Hazardous Air Pollutants for Stationary Combustion Turbines.

HL Power Company is a not a major source as defined in 40 CFR 63.6085, as the potential to emit a single hazardous air pollutant (HAP) is less than ten tons/year and the potential to emit any combination of HAPs is less than 25 tons/year. This combustion

turbine MACT standard only applies major sources of HAPs and is therefore not subject to this regulation.

40 CFR 63 Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal combustion Engines.

This standard applies to major and area source of HAP emissions as defined in 40 CFR 60.6585 (b) and (c). HL Power Company is an area source and has: 1) One 1490 HP emergency standby generator (E-1); 2) One 40 hp emergency standby diesel generator (E-2); and 3) One 152 hp diesel internal combustion engine that is used to power the emergency fire pump at the facility (E-3).

Pursuant to section 63.6590 (c) E-1 complies with this subpart by complying with Subpart IIII. Pursuant to section 63.6590 (b)(3)(vii) E-2 and E-3 units are not subject to subpart ZZZZ because they are "existing" emergency RICE located at an area source. Therefore, there are no potential applicable requirements that could apply to the diesel powered IC engines.

40 CFR 64: Compliance Assurance Monitoring.

The Title V permit that applies to the HL Power Company facility requires continuous NOx, CO, and Opacity monitoring to demonstrate compliance with applicable emission limits. HL Power has continuous monitoring and therefore, pursuant to 40 CFR 64.2(b)(1)(vi), the facility is exempt from the EPA Compliance Assurance Monitoring (CAM) program for these emission limits. However, the facility is utilizing an electrostatic precipitator (ESP) for control of particulate matter (PM) and a failure of this device could lead to uncontrolled potential emissions of PM exceeding the 100 Ton/yr. emission threshold specified in the CAM regulations. A CAM Plan is required to designate the proper current and voltage operational ranges for this device. A CAM Plan for the ESP has been submitted to the Lassen County APCD.

40 CFR Part 72 - 77: Acid Rain Program.

HL Power Company has operated as a qualifying facility since November 15, 1990 has continuously maintained a power sales agreement with Pacific Gas and Electric to supply electricity to this public utility. Therefore, pursuant to 40 CFR Part 72.6(b)(5), the HL Power Company combustion turbine is not an affected unit subject to the acid rain program.

40 CFR 82.161

This regulation requires that equipment utilizing ozone depleting substances be maintained by certified technicians. These requirements are included in the proposed Title V permit.

MACT Standards for Halogenated Solvent Cleaning Operations

This regulation requires de-greasers using certain halogenated solvents to meet certain requirements. This facility does not use de-greasing solvents regulated by the standard. This requirement is not applicable to this facility.

Risk Management Plan Preparation and Registration, Clean Air Act section 112(r)

Section 112(r), Accidental Release, Prevention, and Management Program, affects facilities at which certain substances are present above the specified threshold. HL Power Company is not required to submit a 112(r) Risk Management Plan.

Federally Enforceable Requirements Adopted Into the State Implementation Plan (SIP) for Lassen County

The following Lassen County APCD Rules are presently federally enforceable as part of the SIP for Lassen County and have the following applicability to this facility:

Rule 1.1-General Provisions (Title)

Designation of Rules as requirements of Lassen County APCD-no administrative requirement for this facility.

Rule 1.2- General Provisions (Definitions)

Definitions of specific terms referred to in regulations-no administrative requirement for this facility.

Rule 1.3- General Provisions (Air Pollution Data)

All data and information regarding air contaminants are designated as public records- applicable to this facility.

Condition IX.6 of the Title V Permit includes this requirement.

Rule 1.6- General Provisions

Effective dates of regulations as adopted-no administrative requirement for this facility.

Rule 2.0- Permits (Permits Required)

Requirements for obtaining Authority to Construct/Permit to Operate, posting permits, and disallowance of alterations of permits- applicable to this facility

Condition II.A. of the Title V Permit includes this requirement.

Rule 2.01- Permits (Sources Not Requiring Permits)

Designation of types of sources not requiring permitting from Lassen County APCD- no administrative requirement for this facility.

Rule 2.03- Permits (Transfer)

Authority to Construct/Permits to Operate not transferrable- applicable to this facility regarding District-only Authority to Construct/Permits to Operate.

Rule 2.05- Permits (Cancellation of Applications)

Two year time period allowed from application for Authority to Construct/Permits to Operate- no administrative requirement for this facility.

Rule 2.07- Permits (Provision of Sampling & Testing Facilities)

Requirement to provide and maintain testing and sampling facilities as specified in facility Authority to Construct/Permit to Operate- applicable to this facility Condition I.M. of the Title V Permit includes this requirement.

Rule 2.08- Permits (Standards for Granting Applications)

Authority to Construct/Permit to Operate shall not be issued by Lassen County APCD to any facility which may cause a public nuisance-administrative procedural requirement of the APCD not applicable to this facility.

Rule 2.09- Permits (Conditional Approval)

Authority to Construct/Permit to Operate may be issued by Lassen County APCD upon a new application if applicant can demonstrate that operation under proposed revised conditions will be without causing a public nuisance-administrative procedural requirement of the APCD not applicable to this facility.

Rule 3.2-Fees (Permit Fees)

Filing Fee Amounts specified for Authority to Construct/Permit to Operate- applicable to this facility regarding District-only Authority to Construct/Permits to Operate. Provision for this requirement not necessary in Title V Permit.

Rule 3.3-Fees (Permit Fee Schedules)

Permit fees specified for specific equipment types- applicable to this facility regarding District-only Authority to Construct/Permits to Operate. Provision for this requirement not necessary in Title V Permit.

Rule 3.4-Fees (Analysis Fees)

Analysis fees to collect, determine, and report extent and amount of pollutants emitted may be charged to facility at an amount not to exceed the actual cost of the work by the Lassen County APCD- administrative procedural allowance of the APCD applicable to this facility. Provision for this requirement not

necessary in Title V Permit.

Rule 3.5-Fees (Technical Reports Charges For)

Charges for preparation of technical reports By Lassen County APCD government agencies or individuals may be charged at amounts not to exceed the cost of preparation and distribution- no administrative requirement for this facility.

Rule 4.0-Prohibitions (Ringelmann Chart)

Opacity emission limitation of less than No. 2 Ringelmann for any period or periods aggregating more than 3 minutes in any one hour-applicable to this facility. This requirement is subsumed and made more stringent by Condition VI.A.1. of the Title V Permit which requires that opacity not exceed 10% for any period or periods aggregating more than 3 minutes in any one hour.

Rule 4.01-Prohibitions (Wet Plumes)

The opacity limitation of No. 2 Ringelmann shall not apply if emission source can prove that uncombined water vapor is present and responsible for non-compliance- administrative allowance by Lassen County APCD if applicable during any emission evaluation applicable to this facility Therefore, it is not necessary to add this requirement to the Title V permit for the facility since the APCD will take this procedural allowance into consideration when utilizing EPA Method 9(which specifically addresses condensed water vapor) for opacity observations or when evaluating HL Power opacity records .

Rule 4.02-Prohibitions (Nuisance)

Prohibition of any emission source causing public nuisance- applicable to this facility. This provision has been added to Condition I.N of the Title V Permit

Rule 4.03-Prohibitions (Particulate Matter)

Prohibition of any emission source releasing more than 0.3 grains/cubic ft. particulate matter over a period of one hour- applicable to this facility. This provision has been added to Condition I.N1. of the Title V Permit

Rule 4.04-Prohibitions (Specific Air Contaminants)

Prohibition of any emission source releasing more than:
0.2 percent by volume sulfur compounds as SO₂
0.3 grain/cubic ft. combustion contaminant calculated at 12% CO₂ at standard conditions

- applicable to this facility

This provision has been added to Condition I.N1. of the Title V Permit

Rule 4.05-Prohibitions (Exceptions)

Opacity and public nuisance provision above not applicable to permitted fires and agricultural operations- no administrative requirement for this facility

Rule 4.06-Prohibitions (Additional Exceptions)

Public nuisance provisions above not applicable to agricultural operations- no administrative requirement for this facility

Rule 4.07-Prohibitions (Open Burning)

Open burning prohibited except as allowed by Lassen County APCD permit- applicable to this facility. This provision has been added to Condition I.N.3. of the Title V Permit

Rule 4.08-Prohibitions (Exceptions)

Fires used for cooking, recreational purposes, or disposal of household rubbish exempt from permit requirements- no administrative requirement for this facility

Rule 4.09-Prohibitions (Violation)

Violation of any state statute, ordinance, rule or regulation is not permitted under Lassen County APCD regulations- applicable to this facility. This provision has been added to Condition I.N.2. of the Title V Permit

Rule 4.10-Prohibitions (Sulfur Content of Fuels)

Gaseous fuel containing sulfur compounds in excess of 50 grains per 100 cubic ft. of fuel calculated as hydrogen sulfide at standard conditions or any liquid or solid fuel having a sulfur content in excess of 0.5percent by weight is prohibited from use- applicable to this facility. This requirement is subsumed and made more stringent and specific by Conditions V.A.2A-E. of the Title V Permit which specify allowable fuels having inherent characteristics complying with the above standards

Rule 4.11-Prohibitions (Solid Particulate Matter-Weight)

Solid particulate matter emissions are limited to an emission rate of 37.14 lb./hr per Lassen County APCD Rule 4.11 based on maximum process weight rate design of boiler-his requirement is subsumed and less stringent than the existing 15.0 lb./hr. particulate matter emission limitation in Condition VI.A.2 of the current Title V Permit.

Rule 4.12-Prohibitions (Separation of Emissions)

Air contaminants which are emitted through two or more emission points are limited to the quantity which would be allowable through a single emission point- no administrative requirement for this facility since there are no applicable emission sources at this facility which are combined into one emission point.

Rule 4.13-Prohibitions (Combination of Emissions)

If there are adequate and reliable means for establishing a separation of the components of combined emissions from separate sources to determine the nature of emissions, the prohibitions expressed in Lassen County APCD regulations shall be applied to each separate emission source. If the combined emissions cannot be separated, then the emission prohibitions shall be applied as though the emissions originated in a single source operation- no administrative requirement for this facility since there are no applicable emission sources at this facility which are combined into one emission point.

Rule 4.14-Prohibitions (Orchard and Citrus Heaters)

State of California Health & Safety Code Regulations regarding Citrus and Orchard Heaters are made part of Lassen County APCD Regulations-- no administrative requirement for this facility.

Rule 4.15-Prohibitions (Gasoline Storage)

State of California Health & Safety Code Regulations regarding Gasoline Storage are made part of Lassen County APCD Regulations-no administrative requirement for this facility.

Rule 4.16-Prohibitions (Circumvention)

Equipment which dilutes, alters, or conceals air contaminant emissions without resulting in a reduction of contaminants released to the atmosphere shall not be utilized- applicable to this facility. This provision has been added to Condition IV.B. of the Title V Permit.

Rule 4.17-Prohibitions (Reduction of Odorous Matter)

Processing and treatment requirements are specified for devices that reduce odorous material from animal or agricultural material- no administrative requirement for this facility.

Article 1-7 In Appendix B of Lassen County APCD Rulebook

Agricultural Burning Plan Implementation Regulation- no administrative requirement for this facility.

CHANGES AT RENEWAL:

1. Additions to condition (**V. Operating Limitations and Requirements**) two additional permit conditions have been added (2.C and 2.D) both pertaining to fuels requirements.
2. Additions to condition (**B. Diesel Powered Standby Generator**) permit conditions 1

through 4 have been included to allow for better operation of standby diesel generators.

3. Additions to condition **(VI. Emissions Limitations)** two additional permit conditions have been added (A.1 and A.7) both conditions were added into better identify NSPS regulations and breakdown/malfunctions that may occur at the plant site.
4. Additions to condition **(B. Continuous Opacity Monitoring)** the addition of condition (B.4) describes the span values that the continuous monitoring equipment should be spanned at and that the computer outlet should be able to demonstrate compliance with applicable standards set forth in (40 CFR 60.48b(e)1)).
5. An addition to condition **(C. Performance Source Tests)** the addition of condition (C.5) designates that the owner/operator shall have an independent firm conduct all source tests and any deviation needs to be approved by the APCO.
6. Addition of IX Record Keeping condition 7 for E-1 and E-2. These two compression ignition internal combustion engines are required to conform to emissions standards stipulated in 40 CFR 60.4211.

Public Notice

**PROPOSED RENEWAL OF
TITLE V PERMIT**

Pursuant to Rule 7.5 Administrative Procedures for Sources of the Lassen County Air Pollution Control District Rules and Regulations, the Air Pollution Control Officer (APCO) has made a preliminary decision to issue a renewed Operating Permit under Title V of the Federal Clean Air Act Amendments of 1990 to HL Power Company, which is an electrical power generation facility located at 732-025 Wendel Road, Wendel, CA 96136. Major facilities are required to obtain operating permits under Title V of the 1990 Clean Air Act Amendments, the Federal Operating Permit Program and the District's Regulation VII - Permits to Operate for Sources Subject to Title V of the Federal Clean Air Act Amendments of 1990. This permitting action does not involve an emission change for the facility.

The public may inspect the proposed permit at the Lassen County Air Pollution Control Office, located at 720 South St., Susanville, California, 96130. In addition a statement that sets forth the legal and factual basis for the proposed permit conditions is available upon request.

Written comments regarding the proposed decision may be submitted to Lassen County Air Pollution Control District within a period of thirty (30) days of the date of this notice. Any comments received will be considered prior to the final determination by the APCO to issue the permit.

A public hearing to receive oral comment on this proposed decision has not been scheduled, but one may be requested by submitting a written request to the District within thirty (30) days of the date of this notice. A written request of a public hearing must include the requestor's name, mailing address, and a statement of the reasons for requesting a public hearing. Grounds for requesting a public hearing should be limited to issues relevant to District's Regulation VII - Permits to Operate for Sources Subject to Title V of the Federal Clean Air Act Amendments of 1990. If a public hearing is to be held, the District will provide thirty (30) days notification prior to holding the requested public hearing.

For additional information contact Dan Newton, Air Pollution Control Officer, Lassen County Air Pollution Control District, 720 South St., Susanville, CA 96130, phone (530) 257-1045. Written comments on the proposed decision or a request may be mailed or hand-carried to the District at the above location.

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