

Issuance Date

CERTIFIED MAIL
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(xxx)

13-xxxE CAB
File No. 0097-09

Mr. David Bissell
Chief Executive Officer
Kauai Island Utility Cooperative
4463 Pahee Street, Suite 1
Lihue, Hawaii 96766-2032

Dear Mr. Bissell:

**Subject: Amendment of Covered Source Permit (CSP) No. 0097-01-C
Minor Modification Application No. 0097-09
Kauai Island Utility Cooperative
Port Allen Generating Station
Located At: 261 Akaula Street, Eleele, Kauai
Date of Expiration: December 10, 2017**

In accordance with Hawaii Administrative Rules, Chapter 11-60.1, and pursuant to your application for a Minor Modification dated June 21, 2013, the Department of Health, Clean Air Branch, hereby amends Covered Source Permit (CSP) No. 0097-01-C issued to Kauai Island Utility Cooperative on December 11, 2012 and amended on April 10, 2013 and July 17, 2013. The amendment allows diesel engine generators D-6, D-7, D-8, and D-9, to be operated below fifty (50) percent of rated load.

The following amended permit conditions supersede the corresponding permit conditions of CSP No. 0097-01-C issued on December 11, 2012, and amended on April 10, 2013, and July 17, 2013:

1. Attachment II(C), Special Condition No. C.4.
4. Operating Load Limits

The permittee shall not allow the operation of diesel engine generators D-6, D-7, D-8, and D-9, below twenty-five (25) percent of rated load, except during equipment startup, shutdown, maintenance, or testing. The permittee shall not allow the operation of diesel engine generators D-6, D-7, D-8, and D-9, above one hundred ten (110) percent of rated loads at any time. Engine load shall be determined on a fifteen-minute (15-minute) average basis.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-132; 40 CFR §52.21)¹

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2. Attachment II(C), Special Condition No. C.5.

5. Maximum Emission Limits

The permittee shall not discharge or cause the discharge into the atmosphere from each of diesel engine generators D-6, D-7, D-8, and D-9, nitrogen oxides, sulfur dioxide, carbon monoxide, volatile organic compounds, and particulate matter in excess of the following specified limits:

Compound	Maximum Emission Limits* (lbs/hr)
Sulfur Dioxide	33.14
Nitrogen Oxides (as NO ₂)(above 50% of rated load)	
Units D-6, D-7, and D-8	185.22
Unit D-9	68.28
Nitrogen Oxides (as NO ₂)(at 50% of rated load)	
Units D-6, D-7, and D-8	125
Unit D-9	61.76
Nitrogen Oxides (as NO ₂)(below 50% of rated load)	
Units D-6, D-7, and D-8	110
Unit D-9	40.55
Carbon Monoxide (prior to May 3, 2014)	
Units D-6, D-7, and D-8	23.90
Unit D-9	45.00
Carbon Monoxide (on and after May 3, 2014, except during startup)	
Units D-6, D-7, and D-8	7.2
Unit D-9	13.5
Volatile Organic Compounds as Carbon	22.80
Particulate Matter (at or above 50% of rated load)	7.85
Particulate Matter (below 50% of rated load)	5.23

*Three-hour (3-hour) averages.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-132; 40 CFR §52.21, 40 CFR §63.6603)¹

All other permit conditions of CSP No. 0097-01-C issued on December 11, 2012, and amended on April 10, 2013 and July 17, 2013, shall not be affected and shall remain valid. A receipt for the application filing fee of \$200.00 is enclosed.

If there are any questions regarding these matters, please contact Mr. Darin Lum of the Clean Air Branch at (808) 586-4200.

Sincerely,

STUART YAMADA, P.E., CHIEF
 Environmental Management Division

DL:nn

Enclosure
 c: CAB Monitoring Section