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14-E CAB
File No. 0067-02

Mr. John Mauri
Manager, Power Supply
Maui Electric Company, Inc.
P. O. Box 398
Kahului, Hawaii 96733

Dear Mr. Mauri:

**Subject: Amendment to Covered Source Permit (CSP) No. 0067-02-C
Minor Modification Application No. 0067-13
Maui Electric Company, Inc.
Maalaea Generating Station
Fourteen (14) Diesel Engine Generators and Two (2) Combustion Turbines
Located At: Maalaea, Maui
Date of Expiration: December 20, 2009
(Expiration date to be revised upon issuance of the
renewal of CSP 0067-02-C)**

In accordance with Hawaii Administrative Rules, Chapter 11-60.1, and pursuant to your application for a minor modification received March 7, 2014, the Department of Health, Clean Air Branch (herein after referred to as Department), amends CSP No. 0067-02-C issued to Maui Electric Company, Inc., on December 21, 2004.

The following amended permit condition supersedes the corresponding permit condition of CSP No. 0067-02-C issued on December 21, 2004:

Attachment IIB, Special Condition No. C.3

3. Air Pollution Control Equipment

a. The permittee shall continuously operate and maintain a combustor water injection system to meet the emission limits as specified in Special Condition C.5 of this Attachment. The combustor water injection system shall be fully operational upon start-up of the combustion turbine generators.

i. The system shall commence operation:

- (1) Within twenty (20) minutes of start-up of the combustion turbine operating in simple cycle mode; and
- (2) Within sixty (60) minutes of start-up of the combustion turbine operating in the combined cycle mode.

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- ii. The system shall continue to operate to within twenty (20) minutes of shutdown of the combustion turbine. The operation of the combustor water injection system shall be used whenever the combustion turbine is operating at 25 percent peak load and above. The minimum water-to-fuel mass ratio, on a one-hour average basis, shall be as follows:

Combustion Turbine Generator Load (Percent)	Ratio (lb-water/lb-fuel)
100	1.04
75 - < 100	0.94
50 - <75	0.87
25 - <50	0.72

For operating periods during which the combustion turbine generator operates at multiple loads where the multiple water-to-fuel mass ratios apply, the applicable water-to-fuel mass ratio shall be determined based on the load that corresponded to the lowest minimum water-to-fuel mass ratio.

- b. The use of an alternative control system other than those specified above is contingent upon receiving the Department's written approval to use such a system and shall not relieve the permittee from the responsibility to meet all emission limitations contained within this covered source permit.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

All other permit conditions of CSP No. 0067-02-C issued on December 21, 2004 shall not be affected and shall remain valid.

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

Sincerely,

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

CL:nn

c: Blake Shiigi, EHS - Maui
CAB Monitoring Section