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(****)

File No. 0007-01

04-E CAB

Mr. Warren H. W. Lee
President
Hawaii Electric Light Company, Inc.
P.O. Box 1027
Hilo, Hawaii 96721-1027

Dear Mr. Lee:

Subject: Permit Amendment
Covered Source Permit (CSP) No. 0007-01-C
Application for a Minor Modification File No. 0007-02
Hawaii Electric Light Company, Inc.
Two 20 MW Combustion Turbine Generators, Units CT-4 and CT-5,
And Heat Recover Steam Generators with 16 MW Steam Turbine
Located at the Keahole Generating Station, Keahole, Hawaii
Date of Expiration: July 1, 2006

Pursuant to your application for a Minor Modification dated March 29, 2004 and the additional information provided on May 3, 2004, the subject Covered Source Permit is hereby amended in accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1.

This amendment will allow the combustion turbines to start-up and shutdown up to four times per calendar day. Current monitoring and recordkeeping requirements adequately ensure compliance with the amended conditions and remain unchanged.

The following permit condition is **amended**:

Attachment II

C.1.a. "Start-up and Shutdown"

- 1) The "start-up" time shall not exceed twenty (20) minutes for any combustion turbine generator operating in simple cycle and sixty (60) minutes for any combustion turbine generator operating in combined cycle. Except during maintenance (e.g., equipment installations and inspections, and electrical switching work), testing, and emergency power demands due to sudden loss of a power generating unit, each combustion turbine generator shall not be started up more than four times per calendar day. A "start-up" sequence shall be from the time fuel use at the combustion turbine generator begins, until the time the combustion turbine generator is initially brought up to 25 percent load at which time the operation of the air pollution control equipment shall commence.

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- 2) The "shutdown" time for any combustion turbine generator operating in either simple or combined cycle shall not exceed twenty (20) minutes. Except during maintenance (e.g., equipment installations and inspections, and electrical switching work), testing, and emergency power demands due to sudden loss of a power generating unit, each combustion turbine generator shall not be shut down more than four (4) times per calendar day. A "shutdown" sequence shall be considered from the time when the combustion turbine generator is below 25 percent load, until fuel use at the combustion turbine generator ceases.

All other permit conditions of CSP No. 0007-01-C issued on July 25, 2001, shall not be affected and shall remain valid.

Sincerely,

THOMAS E. ARIZUMI, P.E., CHIEF
Environmental Management Division

SS:lk

Enclosure

c: CAB Enforcement Section