

CALIFORNIA ENERGY COMMISSION
Energy Facility Siting and
Environmental Protection Division

FILE:

DOCKET
93-AFC-2

DATE: MAY 9 1994

RECD MAY 10 1994

REPORT OF CONVERSATION

PROJECT TITLE: Procter &

Telephone

Meeting/Location

NAME Ken Gesler DATE 5/09/94 TIME 7:45 am

WITH General Electric PHONE 510 256-2430
area code/number

ADDRESS Walnut Creek, CA

SUBJECT(s) Performance of LM6000s at higher water injection rates


COMMENTS:

General Electric is willing to guarantee the NO_x emission level for a LM6000 CTG down to 25 ppm with water or steam injection. The increased diluent injection does effect the performance and maintenance of the LM6000. GE does not guarantee maintenance intervals, but rather provides maintenance recommendations. The recommendations are based on the duty cycle, ambient conditions (e.g., marine or dry and dusty settings), fuel type, and diluent injection rates. Mr Gesler said that the costs of increased diluent injection on maintenance and performance should be balanced by a user with the costs of the permit requirements, offsets, and performance obligations.

GE does not currently offer a dry low-NO_x combustor for the LM6000. It is being developed to allow GE to meet a broad ranges of needs with the LM6000. The LM6000 is ideal for many parts of the country or offshore settings that have less stringent permit requirements, but it is becoming obsolete in the CA market.

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cc: Chris Tooker
Keith Golden
Darrel Woo ✓

Signed 

Name Matt Layton