ENVIRONMENTAL IMPACT ASSESSMENT (EIA) ORDINANCE, CAP. 499

ENVIRONMENTAL PERMIT NO. EP-083/2000

LAMMA POWER STATION
CONVERSION OF TWO EXISTING GAS TURBINES (GT5 & GT7) INTO A COMBINED CYCLE UNIT
ENVIRONMENTAL MONITORING & AUDIT PROGRAMME AT OPERATIONAL PHASE

Report Title	Monthly EM&A Report (December 2007)
Date	9 January 2008
Certified by	(Mr. Chan Kwok-Fai, Environmental Team Leader)
Verified by	(Nature & Technologies (HK) Ltd, Independent Environmental Checker)

1. AIR AND WATER QUALITY MONITORING FOR GT57 OPERATION IN DECEMBER 2007

This is the December 2007 Environmental Monitoring and Audit (EM&A) report for the Project "Operation of GT57 Combined Cycle Unit" prepared by the Environmental Team (ET). GT57 was not operated in the reporting month. The modification work for converting GT57 to run on natural gas is in progress and is targeted to be completed in January 2008. In this regard, no air quality and water quality monitoring pertinent to GT57 was carried out in the reporting month.

2. IMPLEMENTATION STATUS ON THERMAL PLUME SURVEYS

No thermal plume survey was carried out in the reporting month. The survey would only be conducted under the conditions stipulated in the proposal on the programme and methodologies for thermal plume survey attached in the EM&A manual (Operational Phase).

3. FUTURE KEY ISSUES

3.1 Outage Plan for the coming 3 months

The major outage plan for the next 3 months is shown below:

Date	Remark
01/01/2008 to 31/01/2008	1. Modification work for converting GT57 to run on natural gas; 2. Testing and commissioning of the GT57 combined cycle units.

3.2 Key issues for the coming month

Key issues to be considered in the coming month include:

Air Impact

- To monitor the water injection rate continuously while GT57 is operating.
- To monitor the sulphur content of the LGO if the combined cycle unit is run on LGO.

Water Impact

- To carry out water quality monitoring while GT57 is operating as required by the EM&A manual (Operational phase).

~ End ~