

## COMPLIANCE REPORT TO YOUR ORDER DT. 13<sup>TH</sup> MARCH 2003

i. All the conditions stipulated by the Science Technology and Environment Department, Government of Kerala vide their Letter No. 4215/B1/2000/STED, dated 9.2.2001 should be effectively implemented.

- **Conditions mentioned in the Letter No. 4215/B1/2000/STED, dated 9.2.2001 does not specifies and conditions for compliance.**
- **Conditions mentioned in the Letter No. 1143/A2/2005/STED dated 14-10-2005 from Kerala coastal Zone Management Authority are and PLL compliance remarks are as under:**

Sr. No.	Conditions mentioned	PLL Compliance remarks
1.	No activities will be undertaken in the Mangrove area or in the buffer zone of the mangrove. The route of the pipeline and other activities shall have minimum of 50m from the nearby mangroves and forest land if any in the CRZ area.	PLL plot is not in the mangrove area and is at about 100 m from the buffer zone. All other activities and pipelines are limited to within this plot.
2.	Expansion of existing service road in the Coastal Regulation Zone-I (shall not be carried out.	The existing service road which belongs to Panchayat has not been expanded into the CRZ-I (i).
3.	No groundwater shall be tapped for the project	PLL will not tap any ground water during operation of the terminal as water requirement will be met from the condensed water from air. During construction stage, requirement of water was met by outsourcing.
4.	The proponent shall obtain necessary No Objection Certificate (NOC) from Kerala State Pollution Control Board.	PLL has obtained required NOC from Kerala State Pollution Control Board in 1999 vide NOC <b>No. PCB/NOC/EK/117/98 dated 17.9.99</b> which was renewed every time (mostly 2 years) before expiry of its validity period.  We have received Consent to Operate no. PCB/HO/EKM/ICO/40/2013 dated 05 <sup>th</sup> August 2013, Valid up to 31 <sup>th</sup> March 2015. the same has already been submitted with six monthly

		report dated 30 <sup>th</sup> September-2013 .
5.	EIA document including risk analysis and disaster management plan should be submitted directly to MoEF for environment clearance, under intimation to this office.	Comprehensive EIA has been submitted with letter vide ND/LNG/K22/2K1 dated 16 <sup>th</sup> Feb-2001 for 2.5 MMTPA and EIA with QRA and Site emergency response plan (for 5 MMTPA terminal) submitted to MoEF vide letter dated 22 <sup>nd</sup> Sept-2011 .

ii. All the conditions stipulated by Kerala Pollution Control Board in their NOC No. PCB/NOC/EK/117/98 dated 17.9.99 should be effectively implemented.

- **Conditions mentioned by KSPCB in the CTE No. PCB/NOC/EK/117/98 dated 17.9.99 are and PLL compliance remarks are as under:**

Sr. No.	Conditions mentioned	PLL Compliance remarks
1	No.3: The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution.	PLL will comply with any such instructions.
2	No.4: The effluent treatment facilities proposed namely sewage treatment plant/septic tank, oil traps, hot water cooling facilities etc. shall be provided before commissioning the industry. Addition facilities required, if any to achieve the effluent standards laid down by the Board under section 17(1)(g) of Water (Prevention and Control of Pollution) Act'1974 shall also be made alongwith.	PLL is generating only sewage waste and is being handled through septic tank and soak pit in individual building. Scheme has been submitted to KSPCB. PLL will comply with effluent standard of Water Act and if additional facilities are required will be provided for treatment of effluent.
3	No.5: Air pollution control devices required shall be installed before commissioning the industry for controlling air pollution. Minimum stack/chimney height shall be as detailed below: 69.0 m above ground level for flare stack	Low NOx burners are used for Gas Turbine Generator (GTG). Provided online monitoring instrument for GTG. Using Natural Gas as fuel for GTG. PLL has received letter for change in the condition from KSPCB dated 18-10-2010 for reducing the stack height from 69.0 m to 43.2 m, letter for change in the condition from KSPCB has already submitted with six monthly

		report dated 30thSeptember-2013.
	5.5 meter above the roof level of Generator room for the Gensets of capacity 750KVA	PLL has provided the stack discharge 3.5 meter above the roof level of Generator room.
4	No.6: For bringing into use any outlet to discharge and for the discharge of sewage/trade effluent, the applicant shall obtain consent to discharge from the Board under the Water (Prevention and Control of Pollution) Act'1974 before commissioning the industry.	PLL is generating only sewage waste and is being handled through individual building's septic tank and soak pit. PLL has obtained consent to Operate PCB/HO/EKM/ICO/40/2013 dated 05th August 2013, Valid up to 31th March 2015.
5	No.7: The applicant shall obtain the "Consent to Operate" from the Board under the Air (Prevention and Control of Pollution) Act'1981 before commissioning the industry.	PLL has obtained consent to Operate PCB/HO/EKM/ICO/40/2013 dated 05th August 2013, Valid up to 31th March 2015, Copy of CTO has already been submitted with six monthly report dated 30thSeptember-2013.
6	No.8: The sign board showing the name of the industry shall be displayed at the entrance of the site.	PLL has displayed the sign board showing name of the industry at the entrance of the site.
7	No.9: Suitable species of trees shall be planted and maintained within and along the periphery of the factory premises, forming a green belt to improve the environment.	Green Belt area is being developed and tree plantation of Gulmohar, Amaltas, Neem along the periphery of the factory premises is carried out.
8	No.10: The date of commissioning of the industry shall be intimated to the Head Office and Regional office concerned of the Board at least one month in advance.	PLL has inform date of commissioning vide letter no PLL/KOCHI/KSPCB/2013-14/C-06 on dated 7th August 2013, Copy of the same has already been submitted with six monthly report dated 30thSeptember-2013.
9	No.11: There shall not be any fugitive emission from the plant/premises.	There will not be any fugitive emission from the plant/premises.
10	No.12: The location of the industry shall be as shown in the drawing attached. No change or alteration to the above shall be made.	PLL will not make any change or alteration in location of the industry as shown in the drawing.

11	No.13: The temperature difference between cooling water discharged and the receiving water body (sea water) temperature shall not be more than 50C and monitoring arrangements for the same shall be provided.	PLL will not be using any sea water for project as well as during operation stage.
12	The ambient sound level measured at a distance of 1 m away from the boundary shall not exceed 65 dB (A) during day time and 55 dB (A) during night time.	Ambient sound level monitoring is done by KSPCB approved agency in every month and results are found within the specified limits. Sound level monitoring report is enclosed as <b>Annexure#1</b> .
13	Consent to establish shall be obtained prior to setting up of captive power plant in futures.	PLL has incorporated the details of GTG for captive power in the subsequent application of the renewal for Consent to Establish.

iii. No change in scope of work shall be made without prior approval of this Ministry.

- **Any change in scope would be carried out only with the prior approval of the Ministry.**

iv. Project proponent shall take all safety measures and take into account the dynamics of the marine/coastal area before constructing the break waters. The recommendations made by CWPRS shall be duly implemented. The dredged materials shall be disposed of as per the recommendations by CWPRS.

- **The location and size of the basin has been arrived at after detailed model studies conducted by CW&PRS and further revalidated by HR Wallingford. The dredged material is being disposed off at the prescribed off-shore dumping ground identified as per CWPRS recommendations for Cochin Port Trust.**
- **The Cutter suction Dredger's dredging material is dumped on the western side of the terminal as per the Cochin Port Trust allocated area for dumping. The Trailer Suction Dredger's dredging material is being dumped at the designated dumping site of Cochin Port at outer sea, about 15.6 km from the shore.**

v. No activities will be undertaken in the mangrove area or in the buffer zone of the mangroves. The route of the pipeline and other activities shall have minimum of 50 meters distance from the nearby mangrove and forest lands, if any, in the CRZ area. Expansion of existing service road into Coastal Regulation Zone-I (I) shall not be carried out.

- **PLL plot is not in the mangrove area and is at about 100m from the buffer zone. All activities and pipelines are limited to within this plot. The existing**

**service road which belongs to Panchayat has not been expanded into the Coastal Regulation Zone-I (i) area.**

- vi. The laying and commissioning of the pipelines shall be in accordance with the established procedures; practices and rules. LNG facilities shall be designed, constructed and operated as per existing international standards. The pipelines shall be provided with in-built gas leakage detection and warning system. Adequate measures for monitoring pressures in excess of those for which the pipeline is designed shall be ensured to prevent leakage of gas.
- **The terminal construction complies with all existing International codes and best practices. Sufficient safety measures and warning systems are being in built into the system for detection of gas leakage, overpressure and other deviations in operating parameters. Details regarding the same has already been submitted with six monthly report dated 30thSeptember-2013.**
  - **Standards such as OISD-194, EN: 1473, NFPA 59A and others are followed during the terminal construction.**
- vii. Design and alignment of the pumping platform/jetty and other structures should be chosen in such a way that it causes minimum resistance to the flow of tidal waters.
- **Jetty construction is completed. This aspect has been considered while designing the jetty structure. Jetty foundation is built on piles structure to cause minimum disturbance to tidal waters.**
- viii. The pipelines related to effluent discharge, sea water intake and pumping of LNG should be laid on sea floor after trenching. Trenching operations should be restricted to minimum area to minimize damage to benthic fauna.
- **Pipelines for LNG pumping from jetty to tanks are laid above ground alongwith trestle. It may be please noted that PLL will not use any sea water intake and no discharge is proposed from the sea during operation of the terminal.**
- ix. Disposal facilities should be completed prior to the commissioning of project activities. As per the thermal Plume Studies by NIO, Goa, the return water should be discharged at a location having water depth of about 3 m. Post monitoring should be carried out at definite intervals in order to ensure mid course corrections, if any, for maintenance of environmental quality.
- **PLL will not use any sea water intake and will not discharge any return water during operation of the terminal.**
- x. Fish eggs, larvae and small fish as well as plant and animal plankton pass through the water intake screen and at times through the trash

bars. Accordingly, the water intake for regasification purpose is to be provided with a velocity cap, trash bars, and low intake velocity be maintained to minimize the entry of debris and fish.

- **As PLL is not going to use any sea water intake so this condition is not applicable.**
- xi. No groundwater shall be tapped for the project.
- **No groundwater is being tapped either at construction stage or during operation phase. Water requirement during operation of the terminal will be generated and met from the condensed water from air.**
- xii. Specific arrangement for rainwater harvesting should be made in the project design and the rainwater so harvested should be optimally utilized.
- **Rainwater collection system is in place for LNG storage tanks top and the water collected is being used in the terminal.**
- xiii. The Bathymetric survey of the dredged material disposal site should be carried out regularly and it should be ensured that there is no navigational hazard due to reduction of navigational depth as a result of project activities. Location of dumping site should be informed to all concerned.
- **The dredged material disposal site is Common dumping site at outer sea, 15.6 km away from shore and managed by Cochin Port Trust. The survey is being carried out by Cochin Port Trust.**
- xiv. Regular surveys shall be conducted to identify changes in the channel morphology so that navigational hazards are minimal.
- **The channel belongs to Cochin Port and its Morphology survey is done by Cochin Port Trust.**
- xv. Mangrove afforestation will be promoted in consultation with the expert agencies and the local NGOs in the area. A detailed plan shall be worked out in this regard and submitted to this Ministry within 3 months.
- **A Detailed plan for Mangrove afforestation has already been submitted with six monthly report dated 30<sup>th</sup> September-2013.**
  - PLL has communicated our willingness to fund mangrove afforestation project of social forestry department to The Dy. Conservator of forest, Social forestry divisional office, Ernakulam. And we are waiting for necessary sanction from the Kerala government. Communication in this regard is enclosed as **Annexure # 2 & Annexure # 3**
- xvi. Marine environment shall be periodically monitored to assess changes, if any, in the ecology and suitable remedial measures, if any required, shall be taken.

- **PLL is conducting marine water sampling and analysis by a KSPCB approved third party M/s. Cochin test house and the report suggest no adverse change in the marine environment.**
- **Latest copy of the marine water sampling report dated DEC-13 is enclosed as Annexure # 4.**

**xvii.** The budget allocated for environment safeguard measures shall not be diverted for any other purpose.

- **Budget allocated for environment safeguard will not be diverted for other purposes.**

**xviii.** The comprehensive Environmental Impact Assessment report shall be completed early and the final report submitted to this Ministry within one year from the date of this clearance letter. Based on the comprehensive EIA report, additional environmental safeguards, as required, shall be implemented by the proponents.

- **Comprehensive EIA has been submitted with letter vide letter ND/LNG/K-22/2ka dated 16<sup>th</sup> Feb-2001 for 2.5 MMTPA and EIA with QRA and site emergency response plan (for 5 MMTPA terminal) submitted to MoEF vide latter dated 22<sup>nd</sup> Sept-2011.**

**xix.** Based on the risk analysis, Disaster Management Plan should be prepared and submitted to this Ministry within 6 months. Necessary safety norms for the movement of LNG ships are to be laid down by Cochin Port Trust Authorities within their jurisdiction and communicated to the project proponent for strict compliance with a view to prevent collision, grounding or ramming or any other major accidents.

- **EIA with QRA and site emergency response plan (for 5 MMTPA terminal) submitted to MoEF vide latter dated 22<sup>nd</sup> Sept-2011 for EAC recommendations.**
- **Emergency Response and Disaster Management Plan of Petronet LNG, Kochi terminal was submitted with last six monthly compliance report on dated 05/04/2013.**

## 5. GENERAL CONDITIONS:

i.	Construction of the proposed structure should be undertaken meticulously conforming to the existing Central/local rules and regulations including Coastal Regulation Zone Notification, 1991 and its amendments. All the construction designs/drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments/Agencies.	<ul style="list-style-type: none"> <li>▪ The construction drawings have been approved by the concerned State Government Department/Agencies like Department of Factories and Boilers, Fire and rescue Services etc.</li> <li>▪ Copy of the approvals of Factories and Boiler, Fire rescue services has already been submitted with six monthly compliance report dated 05/04/2013.</li> </ul>
ii.	The proponent shall ensure that as a result of the proposed constructions, ingress of the saline water into the groundwater does not take place. Piezometers shall be installed for regular monitoring for this purpose at appropriate locations on the project site.	<ul style="list-style-type: none"> <li>▪ It is being ensured that saline water ingress into groundwater is not taking place by regular monitoring. Two Piezometers have been installed for the purpose at appropriate locations.</li> <li>▪ Sampling of the water drawn from Piezometers is being carried out and the ground water level has no any change and the result of the salinity is normal. Ground water analysis report for the month of DEC-13 is enclosed as <b>Annexure#5</b>.</li> </ul>
iii.	Handling, manufacturing, storage and transportation of all hazardous chemicals should be carried out in accordance with MSIHC Rules, 1989 and subsequent amendments, All approvals from State and Central nodal agencies including OISD, Chief Controller of Explosives, Chief Inspectorate of Factories must be obtained. A comprehensive contingency plan in collaboration with the concerned authorities must be formulated before commissioning of the project to meet any eventuality in case of an accident	<ul style="list-style-type: none"> <li>▪ We have applied for NOTIFICATION OF SITES to Factories &amp; Boilers department vide letter no. PLL/KOCHI/F&amp;B/2012-13/C-04 dated 28th November 2012 as per requirement of MSIHC rules 1989. The same has already been submitted with six monthly compliance report dated 05/04/2013.</li> <li>▪ We have received final clearance from Chief Controller of Explosive for commissioning of Jetty, LNG unloading line, LNG tanks, and Regasification facilities with letters dated 04th February 2013. We have already submitted the same</li> </ul>

		<p>with six monthly compliance reports, dated 05/04/2013.</p> <ul style="list-style-type: none"> <li>▪ Permit to construct and plan approvals obtained from Director of Factories and Boilers. We have already submitted the details regarding the same with six monthly compliance report, dated 05/04/2013.</li> <li>▪ We have prepared Emergency response and Disaster Management Plan and it was submitted to District collector office vide letter no. PLL/KOCHI/DC/2012-12/C-06 dated 15th November 2012. We have already submitted the same with six monthly compliance report, dated 05/04/2013.</li> <li>▪ Contingency plan with the concerned authorities was prepared and communication for commissioning was done to all authorities before the commissioning of the project.</li> <li>▪ All approvals as necessary were obtained before the commissioning of the project. Terminal commissioned was on 20<sup>th</sup> August. Activities were completed on 10<sup>th</sup> September 2013.</li> </ul>
<b>iv.</b>	<p>Minor oil spills are likely to be caused due to ship movement in the port. Engine room waste, oil ballast and tank wash water have to be discharged to the shore reception for treatment by port authorities or by certified contractors. In case of major oil spills due to accidents. Petronet LNG Limited should interact with Kochi Port to ensure full preparedness to undertake all combat operations.</p>	<p>Contingency plan is formulated to take care of the eventualities. We have already submitted details regarding the same with six monthly compliance reports, dated 05/04/2013.</p>
<b>v</b>	<p>Control room/tower should be equipped with modern communication and control device to act instantaneously if spill/leakage occurs. At the jetty, loading arm should be equipped with latest Emergency Release Systems (ERS)</p>	<p>Control room is being equipped with all communication and control facilities including emergency shut-down systems in the event of spill occurring.</p>

	and monitoring device for LNG services. Articulated cargo transfer arm should be used at the unloading jetty. It shall be ensured that LPG and LNG tankers are scheduled properly to avoid bunching and also that LPG will not be unloaded from the ship when the LNG tanker is at berth.	
vi.	Dry chemical fire fighting extinguishers should be provided at all levels of the jetty to permit personnel to fight small fires. Water spray for dispersing un-ignited vapour clouds should be kept as standby. Full- fledged fire fighting facilities should be provided at jetty.	Full-fledged fire fighting facilities is provided in the jetty to handle any emergencies in the event of a fire. DCP extinguishers are provided at every level of jetty as well as water curtain system is provided. Brief note on Fire protection facilities has already been submitted with six monthly compliance report dated 30 <sup>th</sup> September-2013.
vii.	A well-equipped laboratory with suitable instruments to monitor the quality of air and water shall be set up as to ensure that the quality of ambient air and water conforms to the prescribed standards. The laboratory will also be equipped with qualified manpower including a marine biologist so that the marine water quality is regularly monitored in order to ensure that the marine life is not adversely affected as a result of implementation of the said project. The quality of ambient air and water shall be monitored periodically in all the seasons and the results should be properly maintained for inspection of the concerned pollution control agencies. The periodic monitoring reports at least once in 6 months must be sent to this Ministry (Regional Office at Bangalore) and State Pollution Control Board.	<ul style="list-style-type: none"> <li>▪ A well-equipped laboratory is with suitable Equipments for monitoring quality or air and water has been set up.</li> <li>▪ Qualified and competent manpower for Laboratory is available with PLL.</li> <li>▪ PLL has carried out periodic monitoring of environmental parameters at regular intervals by KSPCB approved agency.</li> <li>▪ Ambient air monitoring is carried out once in a month at four different locations and analysis report for the month of March-14 is enclosed as <b>Annexure # 6</b></li> <li>▪ PLL is conducting marine water quality sampling and its analysis, once in six month. The latest test report, dated Dec-13 is enclosed as <b>Annexure # 4</b></li> </ul>
viii.	Adequate provisions for infrastructure facilities such as water supply, fuel for cooking, sanitation, etc must be provided for the laborers during the construction period in order to avoid damage to the environment, Colonies for the laborers should not be located in the Coastal Regulation Zone area. It should also be fuel wood purpose	Project construction work is completed and labour camp is removed. Adequate facilities for cooking, sanitation, drinking water etc. had been provided to the laborers during construction period.

<b>ix.</b>	To prevent discharge of sewage and other liquid wastes into the water bodies, adequate system for collection and treatment of the wastes must be provided. No sewage and other liquid wastes without treatment should be allowed to enter into the water bodies.	Individual Septic tanks with soak pits are being provided for collection of sewage and regular disposal will be carried out from authorized agency of Cochin corporation and no sewage or waste will be allowed to enter water bodies
<b>x.</b>	Appropriate facility should be created for the collection of solid and liquid wastes generated by the barges/vessels and their safe treatment and disposal should be ensured to avoid possible contamination of the water bodies	Vessels and tugs will dispose their garbage as per the guidelines of Annex V of Marpol (IMO). We have already submitted with last six monthly compliance report, dated 05/04/2013.
<b>xi.</b>	Necessary navigational aids such as channel markers should be provided to prevent accidents. internationally recognized safety standards shall be applied in case of barge/vessel movements	PLL has provided 4 Nos. of Buoys as per demand by cochin post trust demand. In future also proper navigational aids as approved by Cochin Port Trust will be provided and all required safety standards will be applied for vessel movements as per directions of Cochin Port Trust
<b>xii.</b>	The project authorities should take appropriate community development and welfare measures for villagers in the vicinity of the project site, including drinking water facilities. A separate fund should be allocated for this purpose.	<ul style="list-style-type: none"> <li>▪ A separate fund for CSR is kept by PLL and we have carried out various activities for the community development and welfare for villagers.</li> </ul> PLL is carrying out community development and welfare measures for villagers like Construction of Immunization centre at Primary Health Centre, Installation of Solar Powered High Mast lights etc. Total cost spent on CSR activity was Rs 2.54 Crore for year 2013-2014.
<b>xiii.</b>	The quarrying material required for the construction purpose shall be obtained only from the approved quarries/borrow areas. Adequate safeguard measures shall be taken to ensure that the overburden and rocks at the quarry site do not find their way into water bodies.	PLL sourcing of quarrying material is only from Government approved quarries. We have already submitted the details regarding the same with six monthly compliance report on dated 05/04/2013.
<b>xiv.</b>	The dredging operations to be undertaken with the prior approval of this Ministry, shall be executed with appropriate safeguard measures to prevent turbidity conditions in	PLL has obtained Environmental clearance from the MOEF vide their order No. J-16011/26/2001-IA-III dated 16th November 2010 for undertaking dredging operations of

	consultation with the expert agencies such CWPRS/NIO.	the basin. Dredging operations is completed and PLL has handed over the basin to M/s Cochin Port Trust for maintenance.
<b>xv.</b>	For employing unskilled, semi-skilled and skilled workers for the project, preference shall be given to local people.	PLL has given preference to local people for employing unskilled, semi-skilled and skilled worker wherever possible based on their qualification and merits.
<b>Xvi.</b>	The recommendations made in the Environment Management Plan and Disaster Management Plan, as contained in the Environmental Impact Assessment and Risk Analysis Reports of the project shall be effectively implemented.	PLL has complied with the recommendation while preparing the Environment Management plan and Disaster Management plan as contained in the EIA and Risk Analysis report of the Project.
<b>Xvii.</b>	A separate Environment Management Cell with suitably qualified staff to carry out various environment issues should be set up under the charge of a Senior Executive who will report directly to the Chief Executive of the Company.	PLL has set up Environment Management Cell under a General Manager – Technical. PLL have recruited qualified personnel in HSE department & Laboratory Operation Department for Environment monitoring.
<b>Xviii.</b>	The project affected people, if any should be properly compensated and rehabilitated.	No people affected directly by the project because it was uninhabited area. Land was acquired by Cochin Port Trust for new road construction towards project and affected people were provided with infrastructure like road, drain, electricity and water as per guideline by authorities.
<b>xix.</b>	The funds earmarked for environment protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year wise expenditure on environmental safeguards should be reported to this Ministry.	Budget allocated for environment safeguard will not be diverted for other purposes.
<b>xx.</b>	Full support should be extended to the officers of this Ministry's Regional Office at Bangalore and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect if mitigative measures and	PLL will extend full support to the officers of this ministry's Regional Office, Bangalore and the officers of the Central and State Pollution Control Board during the inspection for monitoring purpose. PLL will furnish full details of analysis reports and action plans for environmental protection

	other environmental protection activities.	
<b>xxi.</b>	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures.	PLL has not carried out any deviation or alteration in the project. PLL will comply with this requirement and will take permit from the Ministry for any modification in the clearance conditions
<b>xxii.</b>	This Ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry.	PLL is aware about the right of the ministry and have noted this condition
<b>xxiii.</b>	This Ministry or any other competent authority may stipulate any additional conditions subsequently, if deemed necessary for environmental protection, which shall be complied with.	PLL will comply with additional conditions, if any suggested by the ministry or any other competent authority in writing
<b>xxiv.</b>	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Committee and may also be seen at Website of the Ministry of Environment & Forests at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bangalore.	PLL had advertised regarding environmental clearance accorded by the ministry of Environment & Forest in two local newspapers widely circulated in the region. Copy of the advertisement has already been submitted with six monthly compliance report dated 30 <sup>th</sup> September-2013.
<b>xxv.</b>	The Project proponents should inform the Regional Office as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of Land Development Work.	PLL has inform the Regional Office as well as the Ministry through letter dated 5th Sept-2008, the copy of the letter has already been submitted, along with six monthly compliance report dated 30 <sup>th</sup> September-2013.

## COMPLIANCE REPORT TO YOUR ORDER DT. 13<sup>TH</sup> MARCH 2006

### A. SPECIFIC CONDITIONS

- i. All conditions stipulated in the clearance letter of even number dated 2nd June, 2003 should be strictly implemented. Also, all conditions stipulated by the State Coastal Zone Management Authority vide their letter No.1 143/A212005/STED, dated 14th October, 2005 should be complied.
  - **Conditions mentioned in the Letter No. 4215/B1/2000/STED, dated 9.2.2001 does not specifies and conditions for compliance.**
  - **Conditions mentioned in the Letter No. 1143/A2/2005/STED dated 14-10-2005 from Kerala coastal Zone Management Authority are compiled by PLL. Point wise compliance is given on page no. 1 of COMPLIANCE REPORT TO YOUR ORDER DT. 13<sup>TH</sup> MARCH 2003 in this report.**
- ii. No Objection Certificate/consent should be obtained from the Kerala State Pollution Control Board for the enhanced LNG capacity at the terminal, before initiating the project.
  - **PLL has received renewal of the CTE; the latest Consent to Establish number is PCB/HO/EKM/ICE-R/03/2013 dated 14th March 2013, Valid up to 30th June 2014.**
  - **PLL has received Consent to operate no. PCB/HO/EKM/ICO/40/2013 dated 05<sup>th</sup> August 2013, Valid up to 31<sup>th</sup> March 2015, the same has already been submitted with six monthly report dated 30<sup>th</sup> September-2013.**
  - **Conditions mentioned by KSPCB in the CTE No. PCB/NOC/EK/117/98 dated 17.9.99 are complied.**
- iii. The project proponent should ensure that all necessary precautions including installation of Full-containment - Type LNG tank with concrete roof as indicated in the risk analysis report should be implemented.
  - **The two storage tanks being built are of Full containment type and as per the risk analysis report.**
- iv. The project proponent should ensure that no additional dredging/expansion or regasification plant will be undertaken for the above project.
  - **PLL will not undertake additional dredging / expansion of regasification plant without approval of MOEF. Only maintenance dredging is being carried out by Cochin port Trust.**

- v. The budget allocated for environment safeguard measures should not be diverted for any other purpose.
  - **Budget allocated for environment safeguard will not be diverted for other purposes.**
  
- vi. The comprehensive Environmental Impact Assessment report which is under preparation should be completed early and the final report submitted to this Ministry within one year,
  - **Comprehensive EIA has been submitted with letter vide ND/LNG/K22/2K1 dated 16<sup>th</sup> Feb-2001 for 2.5 MMTPA and EIA with QRA and Site emergency response plan (for 5 MMTPA terminal) submitted to MoEF vide letter dated 22<sup>nd</sup> Sept-2011.**
  
- vii. Based on the risk analysis, Disaster Management Plan should be prepared and submitted to this Ministry within 6 months.
  - **EIA with QRA and site emergency response plan (for 5 MMTPA terminal) submitted to MoEF vide letter dated 22<sup>nd</sup> Sept-2011 for EAC recommendations.**

## **B. GENERAL CONDITIONS**

**All the stipulations under “General Conditions” of this order have been already responded to, as above.**