

LANPL/MoEF/EC/Nov/

Date: 13.11.2013

The Director
Ministry of Environment & Forest
Kandriya Bhawan, 5th Floor
Sector-II, Aliganj
LUCKNOW (UP)

Sub: 2X600 MW Lanco Anpara TPS (Anpara-C) near Anpara, Distt. Sonbhadra (UP) Half Yearly EC compliance Report (For the Period of Apr'13 to Sep'13)

Ref: Environmental Clearance letter No J- 13011/45/2007-IA-II (T) dated 26th Nov. 2007

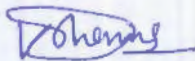
Dear Sir/Madam,

Please find enclosed herewith half yearly Environment Clearance compliance report for the period of April'13 to September '13.

Thanking You.

Yours Sincerely,

For Lanco Anpara Power Limited



(A.K.Srivastava)

Sr. Vice President



(i) The Chairman, Central Pollution Control Board, Parivesh Bhawan, New Delhi.

(ii) Member Secretary, Uttar Pradesh Pollution Control Board, PICUP Bhawan, Lucknow.

Lanco Anpara Power Limited

Site Office: P.O.: Anpara, District, Sonbhadra, Uttar Pradesh - 231225, India.

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Corporate Office: Lanco House, Plot # 203, 1st Floor, Sector - 1, Aliganj, Lucknow - 226001, India.

Project Proponent : Lanco Anpara Power Ltd.
Project Status : U # I & U#II synchronised on Dec-2011 and Jan-2012 respectively
Reference : Ministry of Environment & Forest-Environmental Clearance
 No.-J- 1301/45/2007-IA-II (T) dated 26th November, 2007 and
 Amendment dated 31st July 2008.

COMPLIANCE REPORT FOR THE PERIOD OF Apr'13 TO Sep'13


Sr.No.	Condition	Status/Compliance	Remark
i	Land requirement shall be restricted to 112.005 Ha .No additional land shall be acquired for any activity of the project.	: Complied	
ii	Water requirement shall not exceed 3950 m3/hr and shall be met from Rihand reservoir. No ground water shall be extracted for the project.	: Water requirement is met from the rehand reservoir and the consumption well within 3950 m3/hr. No ground water extracted during project phase.	
iii	Coal with ash content not exceeding 37.4% and sulphur content not exceeding 0.6% shall be used.	: Complied.	
iv	A bi-flue stack of height with exit velocity of at least 24.8 m/s shall be provided with continuous online monitoring system	: A bi-flue stack of 275 mtrs is provided for Unit#1&2. Continuous online monitoring system for PM, SO ₂ & NO _x is commissioned in both the units.	Annexure-I
v.	High Efficiency Electrostatic Precipitator (ESPs) shall be installed so as to ensure that particulate emission do not exceed 50mg/NM3.	: High Efficiency ESP - Fabric filters is provided in both the units. The stack particulate emissions are well within the stipulated limits of 50 mg/Nm ³ .	Annexure - I
vi	Space provision shall be kept for retrofitting of FGD of requisite efficiency, if required at a later date.	: Space provision has been made for FGD.	
vii	Fly ash shall be collected in dry form and its utilization shall be ensured in accordance with the provisions of notifications of September, 1997 on fly ash utilization and its amendment of august 2003. The unutilized fly ash and bottom ash shall be disposed in the existing ash pond.	: System designed to collect the fly ash in dry form. The unutilized fly ash and bottom ash being disposed off to the existing ash pond through ash slurry pipeline.	



viii	Closed Cycle Cooling System with induced draft cooling towers shall be provided.	:	Induced Draft Cooling Tower commissioned in both units.	
ix	The treated effluents conforming to the prescribed standards shall be re-circulated and reused within the plant boundary. There shall be zero discharge outside the plant boundary.	:	The treated effluent from ETP & STP is used for gardening and plantation.	Annexure-II
x.	Regular monitoring of ground water quality including heavy metals shall be undertaken in the project area and around the ash pond to ascertain the change, if any, in the water quality due to leaching of contaminants from the existing ash disposal area.	:	Regular monitoring of ground water is being carried out in and around the plant.	Annexure-III
xi	Noise levels shall be limited to 75 dBA. For people working in the high noise prone area, protective devices such as ear plugs etc. Shall be provided.	:	Proper enclosures have been provided so that the noise levels are below 75 dBA. Personal Protective equipment provided to all the people.	Annexure-IV
xii	Green belt shall be developed in an area of 30 Ha as part of this project. Tropical moist/dry deciduous plants of local origin shall be planted in green belt.	:	Total area or nos. of species planted till date are mentioned in the master plan of LANPL.	Annexure-V
xiii	Regular monitoring of air quality shall be carried out in and around the power plant and records shall be maintained. Location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Six monthly reports shall be submitted to this ministry.	:	Regular monitoring of Ambient Air Quality is being carried out in and around the plant. Month wise Report is enclosed.	Annexure-VI
xiv	For controlling fugitive dust, regular sprinkling of water in vulnerable areas of the plant shall be ensured.	:	Regular sprinkling of water is carried out in vulnerable areas to control fugitive emissions In coal handling plant area dust suppression system has been provided.	Annexure-VII
xv	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in .	:	Complied.	



xvi	A separate environment monitoring cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	: Separate Environment Monitoring cell has been set up and functional.	Annexure-VIII
xvii	Half Yearly report on the status of implementation of the and environmental safeguards should be submitted to the ministry, its regional office, CPCB and SPCB. Conditions including results of monitored data (both in hard copies as well by e- mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.	: Half yearly compliance report submitted regularly. Latest reports submitted vide LANPL/MoEF/EC/May/2030 dated 13.05.2013.	
xviii	Regional Office of the Ministry of Environment & Forests located at Lucknow will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan and other documents/information submitted to the ministry from time to time should be forwarded to the Regional Office for their use during monitoring.	: Complied	
xix	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should be reported to the Ministry.	: Separate funds have been allocated for Environment Protection Measures. A CSR report is attached as Annexure-	Annexure-IX
xx	Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Lucknow / the CPCB / the SPCB who would be monitoring the compliance of environmental status	: Noted & adhered	


 30/11/13
 (Debabrata Kundu)
 Sr.VP (O&M)
 LANPL,Anpara

