



J-13012/68/2006 - IA. II (T)
Government of India
Ministry of Environment & Forests

Tel no: 011- 2436 4067
 Paryavaran Bhavan, C.G.O. Complex,
 Lodi Road, New Delhi -110003.
 Dated: January 11, 2013.

To

M/s Neyveli Lignite Corporation Ltd.
 "Neyveli House",
 135, Periyar EVR HIGH Road,
 Chennai- 600 010.

Sub: 2x500 MW Tuticorin Thermal Power Project at District Tuticorin, in Tamil Nadu - reg. Extension of Validity of EC

Sir,

This has reference to your letter dated 29.05.2012 requesting the Ministry for extension of validity period of environmental clearance accorded for 2x500 MW Tuticorin Thermal Power Project at District Tuticorin, in Tamil Nadu vide this Ministry's letter of even no., dated 13.06.2007.

2. The request has been examined and the matter was placed before the Expert Appraisal Committee (Thermal Power) in its 56th Meeting held during September 3-4, 2012. It is now hereby informed that in acceptance of the recommendation of the Expert Appraisal Committee (Thermal Power) and based on the information / clarification furnished by you, with respect to the implementation of the above mentioned power project, the validity period of the environmental clearance letter issued by this Ministry's vide its letter of even no., dated 13.06.2007 is now extended for a further period for five years upto 12.06.2017.

3. It is also informed that condition no. (viii) under para no.3 of this Ministry's letter of even no., dated 13.06.2007, read as "*High efficiency Electrostatic Precipitator (ESPs) having efficiency of 99.9% shall be installed so as to ensure that particulate emissions do not exceed 100 mg/Nm³*", shall be substituted by the following:

"High efficiency Electrostatic Precipitator (ESPs) having efficiency of 99.9% shall be installed so as to ensure that particulate emissions do not exceed 50 mg/Nm³"

4. It is also further informed that after clause no. (xxvi), the following additional conditions shall be also now inserted:

(xxvii) Scheme for harnessing solar power within the premises of the plant (particularly at available roof tops) shall be critically examined and status of implementation shall be submitted.

(xxviii) Waste water generated from the plant shall be treated before discharge to comply limits prescribed by the SPCB/CPCB and no effluent, under any circumstances whatsoever, should be discharged into low lying area or into estuary.

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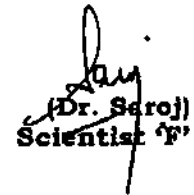
- (xxix) 100% Fly Ash shall be utilized from **day one** of the operation of the power plant as committed by the project proponent.
- (xxx) A long term study on radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.
- (xxxi) Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Unutilized fly ash shall be disposed off in the ash pond in the form of slurry form. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.
- (xxxii) Ash pond shall be lined with HDPE/LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.
- (xxxiii) Well designed acoustic enclosures for the DG sets and noise emitting equipments to achieve the desirable insertion loss viz. 25 dB(A) should be provided.
- (xxxiv) An amount of Rs 19.63 Crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs 3.93 Crores per annum till the life of the plant shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted to the regional Office of the Ministry along with road map for implementation.
- (xxxv) CSR scheme shall be identified based on need based assessment in and around the villages within 5 km of the site and in constant consultation with the village Panchayat and the District Administration. As part of CSR prior identification of local employable youth and eventual employment in the project after imparting relevant training shall be also undertaken.
- (xxxvi) The project proponent shall also adequately contribute in the development of the neighbouring villages. Special package with implementation schedule for providing free potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.
- (xxxvii) It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.
- (xxxviii) The project proponent shall formulate a well laid Corporate Environment Policy and identify and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and compliance with conditions stipulated in this clearance letter and other applicable environmental laws and regulations.

(xxxix) The status of compliance of the conditions stipulated in the environment clearance letter shall be hosted in the website and up-date from time to time on six monthly basis. Criteria pollutants levels including NO_x (from stack & ambient air) shall be displayed at the main gate of the power plant and in public domain.

4. The Environmental Statement for each financial year ending i.e. 31st March in Form -V as is mandated to be submitted by the project proponent to the SPCB as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently shall also be put on the website of the company along with the status of compliance of Environmental Conditions and also shall be sent to the RO, Bangalore of MOEF by e-mail.

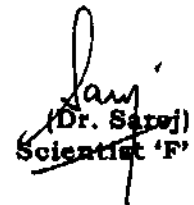
5. This issues with the approval of the Competent Authority.

Yours faithfully,


(Dr. Saroj)
Scientist 'F'

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Secretary (Environment), Environment Department, Government of Tamil Nadu.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
4. The Chairman, Tamil Nadu State Pollution Control Board, No. 76, Mount Road, Mount Salai, Guindy, Chennai - 600 032
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
6. The Chief Conservator of Forests, Regional Office (SZ), Kendriya Sadan, 4th Floor E&F Wings 17th Main Road, 1 Block, Koranmangala, Bangalore -560 034.
7. The District Collector, Tuticorin District, Govt. of Tamil Nadu.
8. Guard file.


(Dr. Saroj)
Scientist 'F'