



No. J-13012/98/2008-IA.I (T)
Government of India
Ministry of Environment, Forests and Climate Change

3rd Floor, Vayu Block,
Indira Paryavaran Bhawan, Jor Bagh Road,
Aliganj, New Delhi-110003

Dated: 31st December, 2014.

To

M/s Kanti Bijlee Utpadan Nigam Ltd.
(A subsidiary of NTPC Ltd.)
Muzaffarpur Thermal Power Plant
PO- Kanti Thermal,
District- Muzaffarpur- 843130
Bihar.

Tel No.06223-267519 Fax: 06223-267310

Sub: 2x195 MW (Stage-II) Coal Based Muzaffarpur TPP at Village Kanti, in Muzaffarpur District, in Bihar by M/s Kanti Bijlee Utpadan Nigam Ltd. (A subsidiary of NTPC Ltd.) – reg. Extension of validity of EC.

Sir,

This has reference to your letter dated 04.09.2014 on the above subject.

2. The matter was placed before the EAC (Thermal Power) in its 24th Meeting held during 30th & 31st October, 2014. In acceptance of the recommendation of the EAC and in view of the information/clarification furnished by you with respect to the implementation of the above mentioned power project, the validity of the EC issued by this Ministry's letter of even no. dated 09.11.2009 is extended for a period of five years i.e. till 08.11.2019 to start the production operations by the power plant.

3. Further, under Para no.4 of the said EC dated 09.11.2009, after the condition no. (xxxii), the following conditions shall be added:

- xxxiii) Harnessing solar power within the premises of the plant particularly at available rooftops shall be carried out and status of implementation including actual generation of solar power shall be submitted along with half-yearly monitoring report.
- xxxiv) A long term study of radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute and results thereof analyzed every two year and reported along with monitoring reports. 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.
- xxxv) Fugitive emissions shall be controlled to prevent impact on agricultural or non-agricultural land.
- xxxvi) Space for FGD shall be provided for future installation as may be required
- xxxvii) No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the setting up/operation of the power plant.

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- xxxviii) Fly ash shall not be used for agricultural purpose. No mine void filling will be undertaken as an option for ash utilization without adequate lining of mine with suitable media such that no leachate shall take place at any point of time. In case, the option of mine void filling is to be adopted, prior detailed study of soil characteristics of the mine area shall be undertaken from an institute of repute and adequate clay lining shall be ascertained by the State Pollution Control Board and implementation done in close co-ordination with the State Pollution Control Board.
- xxxix) Green belt shall also be developed around the Ash Pond over and above the Green Belt around the plant boundary.
- xl) For proper and periodic monitoring of CSR activities, a CSR committee or a Social Audit committee or a suitable credible external agency shall be appointed. CSR activities shall also be evaluated by an independent external agency. This evaluation shall be both concurrent and final.
- xli) An Environmental Cell comprising of at least one expert in environmental science/ engineering, ecology, occupational health and social science, shall be created preferably at the project site itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the Plant who would be accountable for implementation of environmental regulations and social impact improvement/mitigation measures.
- xlii) 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 the conditions stipulated in this clearance letter and other applicable environmental laws and regulations.
4. All other conditions mentioned in this Ministry's letter of even no. dated 09.11.2009 shall remain the same.
5. This issues with the approval of the Competent Authority.

Yours faithfully,


(Dr. M. Ramesh)
Scientist 'D'

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
4. The Secretary (Environment), Forests and Environment Department, Government of Bihar.
5. The Chairman, Bihar State Pollution Control Board, Beltron Bhawan, Shastri Nagar, Jawahar Lal Nehru Marg, Patna, Bihar - 800023
6. The Chief Conservator of Forests, Ministry of Environment and Forests, Regional Office (EZ), A/3, Chandrasekharapur, Bhubaneswar - 751023.
7. The District Collector, Muzaffarpur District, Govt. of Bihar.
8. Guard file.

(Dr. M. Ramesh)
Scientist 'D'