

GOVERNMENT OF MAHARASHTRA

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No.ENV(NOC)2003/429/CR.62/D.I
ENVIRONMENT DEPARTMENT,
New Administrative Bldg., 15th floor,
Madam Cama Marg, Mantralaya,
MUMBAI - 400 032.

Dated : 7th August, 2003.

To,
The Chief Engineer (CEHSU),
Maharashtra State Electricity Board,
'Prakashgad', 3rd floor,
Bandra (East), MUMBAI - 400 051.

Sub : Environment clearance.

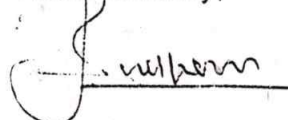
Sir,

I am directed to refer to your letter No.CE/CEHSU/Paras 250 MW/236, dated 28th May, 2003, on the subject mentioned above and to state that the Environment Department of the State Government has no objection from the environmental angle to set up a 1 x 250 MW (Electricity - one unit of two hundred & Fifty MW only) Coal Based Thermal Power Plant at Paras /Kolsa, Tal. Balapur, Dist. Akola, Maharashtra State subject to the following conditions & general conditions stipulated in the Annexure.

These stipulations will be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 alongwith their amendments.

The above permission is without prejudice to any other permissions required under any of the laws, bye-laws or regulations in force and that the Government may impose any additional conditions from time to time for control of pollution, if necessary.

Yours faithfully,



(Surendra Jadhav)

Deputy Secretary to Government

ENCL : As above.

Shri. Nigade.
Pl. give copies of this
letter to C.E. (Gen. P&P)
MSEB, Mumbai.

Copies issued
20/08/2003

07/08/2003.

ANNEXURE

1. The Project Authority shall take adequate safety precautions in handling the raw materials, plant and machinery and the products of the processes so as to avoid any damage/loss of property, or environment.
2. The Project Authority shall provide personal protective equipments, impart training and medical facilities to the workers handling the hazardous/dangerous raw materials, finished products or processes.
3. The Project Authority shall prepare the on-site disaster management plan and should submit to the Director, Industrial Safety and Health. The copies of which shall also be submitted to the District Collector, Local Authority, Maharashtra Pollution Control Board (MPCB) and the Environment Department, Government of Maharashtra. The Project Authority shall submit the information to the Director, Industrial Safety and Health for the preparation of the off-site disaster management plan. The Project Authority should carry out periodical rehearsal of the on-site disaster management plan.
4. The Project Authority shall comply with all statutory requirements for safe transportation of raw materials/finished products in case of trucks/tankers carrying hazardous raw material shall be washed and cleaned up within the plant premises, so as to ensure no pollution in the vicinity.
5. The Project Authority shall use cleaner technology for the manufacturing process and the clean fuel for the operations so as to reduce process waste, liquid effluents and gaseous emissions.
6. The Project Authority shall treat the liquid effluents so as to conform to the standards prescribed by MPCB. The disposal of the treated effluent shall be in accordance with the conditions imposed by MPCB/GOM (Government of Maharashtra/Government of India). The continuous monitoring facility for the effluents should be provided by the project authority. If the effluent quality exceeds the standards at any time the corresponding units of the plant which are contributing the excessive pollutant load shall be stopped from the operations till the quality of pollutant discharged from those units are brought down to the required level. Under no circumstances, the quality of the effluent shall exceed the limits mentioned in the consent letter. The Project Authority should draw water consumption plans and the time bound sincere efforts for the reduction of water consumption should be made.
7. In case the treated effluent is proposed to be utilised for land irrigation/gardening on the land owned by the Project Authority, the sufficient area should be earmarked for the same purpose in consultation with the Agriculture Department. Under no circumstances, such an effluent should be allowed to flow outside the premises of the project. During Monsoon or heavy rainfall period, if the treated effluent can not be absorbed in the project land and there is a likelihood of the effluent going into the nearby areas, the respective unit should be put out of operation immediately. For the purpose of effluent disposal, mechanical system (Sprinkler etc.) and shall make adequate arrangements for the storage of

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excessive effluent (impervious storage tank etc.) in consultation with MPCB.

8. The Project Authority shall regularly and periodically undertake soil testing of the land which are being used for the disposal of the effluent and shall also undertake periodical and regular testing of water sources in the vicinity of the project.
9. The Project Authority shall control the air emissions as per the standards prescribed by MPCB. No change in the design of stack and fuel mix be done without the permission of MPCB. Minimum number of air quality monitoring stations should be set up in consultation with MPCB in the plant and nearby areas. The air quality should be monitored on regular basis. All the stacks of the plant should be provided with the continuous stack monitoring equipment and the stack emission levels shall be recorded and submitted to the MPCB as per their directives.
10. The process emissions shall meet the standards prescribed by MPCB. At no time, the emissions should be beyond the standards. The respective units which exceed the standard should be put out of order immediately and should not be restarted until the control systems are rectified.
11. The solid waste shall be treated and disposed off as prescribed in the authorisation certificate granted by MPCB in accordance with the Hazardous Waste (Handling and Management) Rules, 1989 (wherever applicable).
12. The Project Authority shall take precautions so as to reduce other types of environmental problems like noise, odour, thermal/heat and radio activity etc. (if applicable).
13. The Project Authority shall set up environment management cell with a suitably qualified staff, to carry out various functions of the environment management. The Environment Management Plan should be prepared by the project authority shall also earmarked submitted to MPCB. The Project Authority shall also earmarked funds for the Environment Management Cell and same shall not be diverted for any other purpose. The Project Authority shall prepare environment statement every year and copy of the same should be submitted to the MPCB.
14. The cases of any disaster/accident/mishap due to handling raw materials, processes, plant and machinery or finished products, the Project Authority shall be personally, jointly and severally be responsible for the event.
15. Tree plantation programme should be undertaken at the rate of not less than 2500 trees per ha. on the factory land, in consultation with the Forest Department of the State Government and MPCB.
16. This environment clearance is not transferable and shall lapse after a period of 2 years from the date on which the clearance is given, unless the intended development is commenced before the expiry of the period.

- 17 The Project Authority must strictly adhere to the stipulations made by MPCB/Government of Maharashtra / Government of India. The Project Authority shall submit the compliance report regarding conditions imposed by MPCB/Government of Maharashtra (Environment Department)/Govt.of India before commencement of production / activity.
- 18 All the conditions stipulated by Maharashtra State Pollution Control Board vide letters No.BO/RO/Amt/Akola/71-02/E/CC-38 dated 21.05.2003 should be strictly implemented.
- 19 Electrostatic Precipitator having efficiency of not less than 99.8% should be installed and it should be ensured that particulate emission would not exceed the prescribed limit of MPCB.
- 20 Noise level should be limited to 75dBA and regular maintenance of equipment be undertaken. For people working in the area of generator halls and other high noise areas, earplug should be provided.
- 21 For controlling fugitive dust, regular sprinkling of water in coal handling and other vulnerable areas of the plant should be ensured.
- 22 The unit should be installed within the existing 11 ha. of land which has already been in possession of MSEB for the proposed site. No additional acquisition of land would be permitted including the ash disposal area.
- 23 Utmost care should be taken to preserve the existing trees on the proposed land for power project.
- 24 Afforestation should be undertaken covering an area of 6.25 ha. as proposed vide letter No.CE/CEHSU/Paras/IX 250MW dated 29th July, 2003.
- 25 The total fly ash and bottom ash generated to the tune of 1600 TPD should be fully utilised in cement manufacturing.

- 26 All effluents generated in various plant activities should be collected in the Central Effluent Treatment Plant, Central Monitoring Basin and treated to ensure adherence to specified standards of usage.
- 27 Regular monitoring for SPM, SO₂ and NO_x around the power plant may be carried out and records maintained. Monitoring Stations should be established in consultation with the State Pollution Control Board.
- 28 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 Board/Committee and may also be seen at Website of the Ministry of Environment & Forests at <http://www.envfor.nic.in>.
- 29 A monitoring committee should be constituted for reviewing the compliance of various safeguard measures by involving recognised local NGOs, Pollution Control Board, Institutions, Experts etc.,