

FROM :

(2)

BY SPEED POST

No. J- 13011/5/93.IA-II(T)
Government of India/ Bharat sarkar
Ministry of Environment & Forests
(Paryavaran Aur Van Mantralaya)

Paryavaran Bhawan.
CGO Complex, Lodi road,
New Delhi-110003
Dated: 6th Oct, 2004

To,

Shri .Mahapatra,
Managing Director,
The West Bengal Power Development Corporation Ltd,
6th Floor, 'B' Block, New Secretariat Buildings,
1, Kiran Sankar Roy,
Kolkata-700 001.

Sub: 2x250 MW Sagardighi Thermal Power Plant Project- Ph-I at
Kherur Village, Murshidabad district, West Bengal of M/s
The West Bengal Power Development Corporation
Ltd(WBPDCL)- Environmental clearance req.

Sir,

The undersigned is directed to refer to your communications
no. WBPDCL/Plng/SGTPP/2456 dated 3.7.02, 9.1.03, 5.3.03,
20.4.04, 14.7.04 and 23.9.04 on the above mentioned subject.

2. The proposal is regarding setting up of Sagardighi Thermal
Power Plant Project, Ph-I by installation of two units of 250 MW
each at village Kherur, district Murshidabad, West Bengal. Total
area of the project is 705.0223 ha. No forest and ecologically
sensitive area are involved. Displacement of 28003 people is
involved. Rehabilitation & Resettlement Plan budget, excluding
land acquisition cost, is Rs. 9.77 Crores. Capital cost of the
project will be Rs. 2057.00 Crores which includes Rs.33.00 crores
for environmental protection measures.

3. The environmental clearance for the above project is hereby
accorded subject to implementation of following terms and
conditions:

- i) All the conditions stipulated by West Bengal Pollution
Control Board vide their letter no. 1205-1295/WPB-
NOC/95-96 dated 26.2.2002 should be strictly
implemented.

Handwritten notes:
S. S. Mahapatra
DGM
11/10
S. Dey
S. Mahapatra
12/10/04
G.M. (T)
7/10

- ii) Coal requirement is estimated at 1.92 MTPA at 100% PLF and 1.54 MTPA at 80% PLF having 27.75% ash content and 0.4% Sulphur content.
- iii) Two stacks of 220 m height each shall be provided with continuous online monitoring system. Exist velocity of 25 m/sec should be maintained.
- iv) High efficiency Electrostatic Precipitator(ESP) having efficiency of 99.8% should be installed to limit outlet SPM emission 100 mg/Nm³.
- v) Ash generation will be 1460 TPD. Ash generated should be used in a phased manner as per provisions of the notification on Fly Ash Utilisation issued by the Ministry in September, 1999 and its amendment. By the end of 9th year full fly ash utilisation should be ensured. Borough earth should not be taken from ash pond area for construction of ash dyke etc.
- vi) Water requirement should not exceed 57600 m³/day. No discharge of waste water be done outside the plant boundary/natural drain and all the waste water should be recycled and reused in the plant.
- vii) Rain water harvesting should be adopted. Central Groundwater Authority/ Board shall be consulted for finalisation of appropriate water harvesting technology within a period of three months from the date of clearance.
- viii) Regular monitoring of water quality including heavy metals should be undertaken around ash dyke and the project area to ascertain the change in the water quality, if any, due to leaching of contaminants from ash disposal area.
- ix) Noise level should be limited to 75 Leq and regular maintenance of equipment be undertaken. For people working in the area of generator and other high noise area, earplug should be provided.
- x) Greenbelt of 50 m along the plant boundary should be developed covering an area of 100 ha.

(2400 m³/hr)

(43)

-3-

- xii) Regular monitoring of the air quality should be carried out in and around the power plant and records be maintained. Periodic six monthly report should be submitted to this Ministry.
- xiii) For controlling fugitive dust, regular sprinkling of water in vulnerable areas of the plant should be ensured.
- xiii) All other mitigative measures shall be taken as enumerated in Chapter 6 of the REIA report.
- xiv) The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which should 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 and Forests at <http://envfor.nic.in>.
- xv) A separate environment monitoring cell with suitable qualified staff should be set up for implementation of the stipulated environmental safeguards.
- xvi) Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards should be submitted to this Ministry/ Regional Office/CPCB/SPCB.
- xvii) Regional Office of the Ministry of Environment & Forests located at Bhubaneswar will monitor the implementation of the stipulated conditions. Complete set of Environmental Impact assessment Report and Management Plan should be forwarded to the Regional Office for their use during monitoring.
- xviii) Separate funds should be allocated for implementation of environmental protection measures alongwith item-wise break-up. These cost should be included as part of the project cost. The funds earmarked for the environment protection measures should not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.
- xix) The funds earmarked for the Rehabilitation & Resettlement Plan should not be diverted for other

5

4.

purposes. After completion of R&R plan work, a copy of the same should be submitted to the Ministry and the Regional Office at Bhubaneswar.

xx) Full cooperation should be extended to the Scientists/Officers from the Ministry/Regional Office of the Ministry at Bhubaneswar/the CPCB/the SPCB who would be monitoring the compliance of environmental status.

4. The Ministry reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry.
5. The environmental clearance accorded shall be valid for a period of 5 years for construction/operation of the power plant. In case, if the project authorities fails to do so within this stipulated period, this environmental clearance shall stand lapsed automatically.
6. In case of any deviation or alteration in the project proposed from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.
7. The above stipulations would be enforced among others under the Water(Prevention and Control of Pollution) Act,1974, the Air(Prevention and Control of Pollution) Act,1981,the Environment (Protection) Act,1986, Hazardous Wastes (Management and Handling) Rules,1989 and its amendments, the Public Liability Insurance Act,1991 and its amendments, the Environment Impact assessment Notification of January,1994 and its amendments.


(A.DURAISAMY)
DIRECTOR

Copy to:

1. Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi-110001.
2. Secretary, Forests & Environment Deptt., Government of West Bengal, Writer's Building, Kolkata- 700001.

6

-5-

- 3. Chairman, Central Electricity Authority, Sewa Bhawan, R.K.Puram, New Delhi-110066.
- 4. Chairman, West Bengal Pollution Control Board, Paribesh Bhawan, Bldg. No. 10A, Block-LA, Sector-III, Salt Lake City, Kolkata 700098 with respect to display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's office for 30 days.
- 5. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
- 6. Chief Conservator of Forests, Eastern Regional Office, Ministry of Environment & Forests, 194, Kharvela Nagar, Bhubaneswar-751001.
- 7. Director(EI), MOEF.
- 8. Guard file.
- 9. Monitoring file.


 (A. DURAISAMY)
 DIRECTOR