

GOVERNMENT OF MADHYA PRADESH
DEPARTMENT OF HOUSING & ENVIRONMENT
MANTRALAYA, VALLABH BHAWAN, BHOPAL

No. F-5/11/32/99

Date: 23.7.99

To

M/s. Chhattisgarh Electricity Supply Co. (P) Ltd.,
Industrial Growth Centre, Siltara,
Distt. RAIPUR (MP)

Sub: 40 MW Power Plant of M/s. Chhattisgarh Electricity Supply
Co. (P) Ltd., Raipur.

Ref: Your application No. CESCPL/116/52 dated: 31.10.98

The proposal regarding 40 MW [Forty Mega Watt] Power Plant for M/s. Chhattisgarh Electricity Supply Co. (P) Ltd., at Industrial Growth Centre, Siltara, distt. Raipur [MP] has been examined from Environmental angle on the basis of information submitted by proponents. Environmental Clearance is hereby accorded subject to implementation of following terms and conditions.

1. All the conditions stipulated by the M.P. Pollution Control Board vide their letter No. 17671 dated: 16.10.98 should be strictly implemented.
2. The height of the stacks should be as per norms of CPCB. The minimum chimney height should be 67 metres with continuous monitoring facility should be installed.
3. Electro static precipitator should be installed and it should be ensured that particulate emission would not exceed the prescribed limit of 150 mg/Nm³.
4. Close circuit cooling device should be provided and it shall be ensured that upto a total 5000 KL/Day water should be used in the plant.
5. All the fly ash generated in the power plant would be used for Cement manufacturing by the existing Cement industry or Brick manufacturing units.
6. For controlling fugitive dust, regular sprinkling of water in construction and other vulnerable areas of the plant should be ensured.
7. Industry should abide by the decisions taken by Central or State Govt. from time to time regarding use fly ash.



8. The industry should follow the guidelines notification etc. for utilisation of fly ash issued by Centre/State Govt. from time to time.

9. Noise level should be limited to 85dB(A) and regular maintenance of equipments be undertaken. For people working in the areas of generator halls and other high noise areas, ear pluggs should be provided.

10. Afforestation should be undertaken covering about 1/3rd areas and should be implemented in a phased manner. After care gap filling and monitoring should also be ensured. A norm of 1500-2000 trees per ha. should be followed. The afforestation plan may be submitted to the Deptt., and the schedule given in it is adhered to strictly.

11. Continuous monitoring of ground water should be undertaken by establishing good network of observation wells in consultation with the Central Ground Water Board. Results and data collected should be analysed to ascertain the status of water quality and findings should be submitted.

12. All effluents generated in the power plant activities should be recycled and green belt development activity. The concept of zero discharge should be adopted.

13. Adequate financial provision should be made for implementation of environmental mitigative measures. Year wise and item wise requirement for the above mentioned mitigative measures should be worked out and submitted to this office within three months. Funds earmarked for environmental protection measures should not be diverted for any other project related work.

14. Regular monitoring for SPM , SO_2 and NO_x around the power plant may be carried out and records maintained. The data so collected should be properly analysed and submitted to the Ministry every six months.

15. Full cooperation should be extended to the Scientists/Officers from the Regional Office of the Ministry of Environment & Forests, Govt. of India, at Bhopal/CPCB/SPCB who would be monitoring the compliance of environmental status, complete set of Impact Assessment Report and the Management Plans should be forwarded to the Regional Office/CPCB/SPCB for their use during monitoring.

16. Monitoring committee should be constituted for reviewing the compliance to various safeguard measures by involving recognised local NGOs, Pollution Control Board, Institutions Experts etc.



17. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the deptt. to assess the adequacy of the conditions imposed and add additional environmental protection measures required, if any.

18. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, the Environmental (Protection) Act, 1986, the Public Liability Insurance Act, 1991, the Impact Assessment Notification of January, 1994 and its amendments.

The Government of Madhya Pradesh reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Government.



(S. MISHRA)
PRINCIPAL SECRETARY
GOVT. OF MADHYA PRADESH
HOUSING & ENVIRONMENT DEPTT.

Endt No. F-5/11/32/99

Date:

Copy to:-

1. Principal Secretary, Industries Department, Bhopal.
2. Secretary, Energy Deptt., Govt. of M.P., Mantralaya, Vallabh Bhawan, Bhopal.
3. Chairman, M.P. Pollution Control Board, Bhopal.
4. Chairman, M.P. Electricity Board, Jabalpur.
5. Chief Conservator of Forests, Ministry of Environment & Forests, Govt. of India, Regional Office, Bhopal.
6. Regional Officer, MoEF, Near 10 No. Stops, Bhopal.

~~Additional Secretary~~
~~GOVT. OF MADHYA PRADESH~~
~~HOUSING & ENVIRONMENT DEPTT.~~

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