

FAX MESSAGE DT 26-4-94

FAX No = 0265-337918

TO: SHRI R. B. Tolat, C.E (P+P)

FROM: M. L. CHOPRA, Kesikp  
GEB, New Delhi

NO. J-11011/14/93-IA-III

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भारत सरकार  
पर्यावरण एवं वन मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS  
पर्यावरण मंत्रालय, पी.जी.ओ. कॉम्प्लेक्स  
PARYAVARAN BHAWAN, C.G.O. COMPLEX  
लोदी रोड, नई दिल्ली-110003  
LODI ROAD, NEW DELHI 110003

19.4.94

OFFICE MEMORANDUM

Subj- Gandhinagar Thermal Power Station, 5th Unit (1x210 MW) -  
Environmental clearance reg.

Gujarat Electricity Board may refer to their  
letter No. PP/PL-III/Coal/G'nagar/20/1076 dt. May, 1993.

and subsequent letter dated 18th January, 94 on the above  
cited subject.

2. The proposal has been examined and the undersigned is  
directed to convey environmental approval subject to the  
implementation of the following conditions and safeguards:

- 1) Stack height should be provided as per MOEF's  
notification dated 19.5.93. 200 m
- 11) Electrostatic Precipitators (ESP)/alternate dust collect-  
ing equipment e.g Bag filter etc. with operational  
efficiency of not less than 99.8% should be provided  
so that the particulate emissions should not exceed 150mg  
Nm<sup>3</sup> failing which plant should be shut down. Adequate  
redundancies should be provided so that partial failures  
do not result in exceeding the limit mentioned above.  
Arrangements for interlocking of ESP/alternate equipment  
would be desirable to enable enforcement of the pollution  
standards.
- iii) Space provision for installation/ plant should be made  
that the same could be provided, if required in future  
from environmental angle.

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- iv) Liquid effluents-including cooling water emanating from the plant as also waste water from the ash pond and other areas should be properly treated to conform to the standards stipulated by the State Pollution Control Board/ MOEF whichever is more stringent.
- v) The project authority should prepare a comprehensive EIA report including air quality data of all the seasons and submit within one year. Further conditions may be stipulated on the basis of the comprehensive EIA.
- vi) The cooling towers were to be replaced by modern ones so that the water requirement does not increase.
- vii) In order to arrest the heavy concentration of liquid effluent to be properly treated as per stipulated standards.
- viii) Time frame for carrying out the mitigation measures, mentioned in the Sec-9 of the rapid EIA, to be submitted within one month.
- ix) The project authority should furnish a workable plan for full utilization of fly ash for the approval of the appraisal committee/MOEF as follows -  
20% of fly ash should be put into use within one year of commissioning of the plant. Thereafter 10% progressively for next 8 years and 100% within 9 years. Provision of fly ash collection should be made by the dry system.
- x) A green belt of not less than 50 meters width

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