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No. J-11015/30/89-1A.11(M).

भारत सरकार
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS
पार्यावरण भवन, ए.ओ.ओ. कॉम्प्लेक्स
PARYAVARAN BHAWAN, C.G.O. COMPLEX
लोदी रोड, नई दिल्ली-110003
LODI ROAD, NEW DELHI-110003
Dated 4 th Feb. 1994.

OFFICE MEMORANDUM

Sub: Environmental Appraisal of Tawa Underground Project of WCL.

Reference is invited to Ministry of Coal letter No. 43011/15/89-CPA dated 3rd March, 1993 regarding the above subject. The revised EMP and other related documents, have been examined by the Ministry and the proposal is approved from environmental angle subject to effective implementation of following environmental safeguards:-

- (i) The mining activities should be limited to 13.110 ha. in forest area, as per the provisions under Forest (Conservation) Act, 1980.
- (ii) The air quality within the leasehold area should be monitored for conforming to the standards prescribed by the competent authority. The control measures suggested in the EMP should be strictly implemented.
- (iii) The quality of effluent discharged into the nallah/main water course should be maintained below the standards as provided under GSR 422 (E) dated 19.5.93. Adequate treatment facilities as detailed in EMP and supplementary information should be installed before mining commences.
- (iv) The CHP, conveyors and Fan house etc should be designed to minimise noise level and fugitive emissions. The control measures including development of green belt should be implemented.
- (v) No change in method and scope of working should be made without prior approval of the Ministry.

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- (vi) The project authorities should carry out hydrological and hydrogeological study of the whole area which should include the seepage and leakage aspects of Tawa reservoir. The Report should be submitted within 1 year of issue of this clearance.
- (vii) Mitigative measures envisaged in the S.F.R.I. Jabalpur Report should be implemented to control adverse impacts of biotic pressure.
- (viii) The afforestation and green belt development around the mine hold should lay special emphasis on mixed culture rather than mono-culture.
- (ix) The subsidence management and control measures as envisaged in the EMP, should be ensured.
- (x) A separate Environmental Management Cell should be created to carry out the functions related to EMP.
- (xi) As per the EMP. Annual revenue cost provision of Rs. 23.37 lac (December, 1992) has been made for EMP measures. This should not be diverted for other purposes and year-wise expenditure should be submitted to the Ministry. A quarterly report on the progress report of implementation status should be sent to this Ministry.
- (xii) The Ministry may stipulate additional conditions if so necessitated either by change in scope of the project or on the basis of feedback on the implementation of EMP. The Ministry may revoke the clearance if implementation of stipulated conditions is not satisfactory.

The above conditions will be enforced inter-alia under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986.

(Dr. N. li. Hosabett
Joint Director

Secretary,
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