

21 APR 1993

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भारत सरकार

पर्यावरण एवं वन मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS
पर्यावरण भवन, सी० जी० आं० कॉम्प्लेक्स
PARYAVARAN BHAWAN, C.G.O. COMPLEX
लोदी रोड, नई दिल्ली-110003
LODI ROAD, NEW DELHI-110003

No. J-11015/12/91-IA.II (H)

Dated: 26th March, 1993

OFFICE MEMORANDUM

Subject: Environmental Appraisal of Karkati Underground Project of SECL.

This has reference to Ministry of Coal letter No. 43011/29/91-CPA dated 20th November, 1992 regarding the above subject.

The Environmental Management Plan and other related documents have been examined and the proposal is approved from environmental clearance subject to effective implementation of the following environmental safeguards.

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7045)
C.C.F. (C)
BHOPAL
R. No. 903:
DT 23/4/93:

- (i) The SPM level in the ambient air should not exceed 500 ug/m³ at any observation point within the mine leasehold. The emissions of SO₂, NO₂ and CO should be maintained below the levels prescribed by the Competent Authority. The control measures suggested in the EMP should be strictly implemented.
- (ii) The quality of effluent finally discharged into the main water course shall conform to the standard prescribed under Notification No. GSR 919(E) dated 12.9.88.
- (iii) A supplementary note on the impact of subsidence on the drainage pattern and vegetation clearly elucidating the control measures to prevent adverse impacts thereby, within six months.
- (iv) The likely subsided area should be brought back to the original land use pattern to the maximum extent possible. The reclamation of subsided area and subsequent plantation/agricultural activity should be carried out as per the Environmental Management Plan.
- (v) The coal Handling Plant, belts and the Fan House etc., should be designed to minimize noise level and the control measures including development of green belts around noise sources should be implemented to reduce the noise level below the standards prescribed by the competent authority.

- (vi) Regular monitoring of ambient air and water quality and noise levels should be done and recorded data should be furnished to this Ministry once in three months.
- (vii) No change in methodology of working and the scope of working should be made without the approval of the Ministry.
- (viii) The green belt around the mine and associated industrial complex residential colony should be provided as per the Environmental Management Plan. The afforestation scheme should lay special emphasis on mixed culture rather than mono-culture.
- (ix) The project authority should submit to this Ministry a quarterly progress report of implementation in respect of environmental control measures.
- (x) A separate Environmental Management Cell with suitably qualified persons to carry out various functions relating to environmental management should be set up under the control of senior technical person, who will directly report to Chief Executive of the area. A laboratory facility should be set up for collection and analysis of samples.
- (xi) The funds (both capital and recurring) earmarked for environmental control measures should not be diverted for any other purpose.
- (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 impacts.
- (xiii) This 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.H. HOSABETTU)
Joint Director (3)

Secretary
Ministry of Coal,
Shastri Bhavan,
New Delhi-110 001. (Attention: Shri R.K. Sachdeva, Adviser).

Copy to:

1. Chairman, Madhya Pradesh Pradushan Niwaran Mandal, Paryavaran Parisar, Sector, E-5, Arera Colony, Near Habibganj Police Station, Bhopal-462016.
2. ✓ Chief Conservator of Forests, (Central), Regional Office (WZ), E-3/240, Arera Colony, Bhopal-462016.
3. C.M.D., South Eastern Coalfields Limited, Seepat Road, Bilaspur, Madhya Pradesh-405001.

J. Narain Chatterjee
(Dr. N.H. HOSABETTU)
Joint Director (S)