

भारत सरकार
पर्यावरण वन मंत्रालय
Ministry of India
Environment & Forests

NO. J-11015/1/90-IA-II

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Dated the 21st August, 1991

OFFICE MEMORANDUM

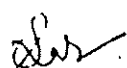
Subject:-Lajkura Opencast Project (1Mt/a), SECL.

This has reference to the O.M.NO.43001/43/89-CPA dated 15th Feb, 1991 in regard to the above subject. The environmental aspect of the project has been examined and clearance is accorded subject to the effective implementation of the following conditions:-

- i) The actual quarry operation would be restricted to 71.74 ha. only.
 - ii) The quantity of external OB dump will not exceed 8.590 mm³ which includes 6.665 mm³ of existing external dump.
 - iii) No OB should be dumped externally from 1993-94 year onwards.
 - iv) The reclamation of OB dump of the mined area will be carried out as per the scheme submitted in the EMP to convert it into a forest.
- The levels of SPM concentrations should not exceed 500 ug/m³ at any observation point within the mine leasehold. The emission of SO₂, NOx and CO should be maintained below the level prescribed by the competent authority.
- vi) No burning of coal at the project site as well as in the surrounding of the project area should be allowed for soft coke manufacturing for household purposes.
 - vii) The quality of effluent should finally discharged into the main water course and should conform to the standards prescribed under GSR 919(E) dated 12.9.1988.
 - viii) All the slopes of external dumps should be maintained at a maximum of 28 degrees.
 - ix) The external dump and internal dumped areas should be biologically reclaimed.
 - x) The slopes of water body (21.31 ha.) should be maintained in such a way that it should be used for afforestation and fishery purposes.
 - xi) Regular monitoring of various environmental quality parameters including air and water quality shall be carried out as per the EMP and the results of the monitoring shall be recorded and should be furnished to the State Pollution

Control Board as well as to this Ministry quarterly.

- xii) The shovel-dumper and CHP should be provided with in-built system design to minimise the noise levels-. Polymers including rubber and polyurethane must be used to reduce noise levels. The noise levels should not exceed 40 dBA at a distance of 100m from the source in all directions. All the heavy earth moving machinery (HEMMA) should be provided with in-built spraying arrangements for the control of dust at the time of operation.
- xiii) A green belt should be provided around the CHP, workshop and in the safety zone of the quarry area. The density of trees in the green belt should be 100 per acre.
- xiv) No change in method of working (including calendar programme of excavation, land use etc) be made without the prior approval of this Ministry.
- xv) Rehabilitation of the 130 displaced families should be carried out in accordance with the approved package of the Central Government. This may be modified if necessary to be in conformity with the instructions issued by the Central Government from time to time.
- xvi) Regular checking of the hydrological aspect of the area needs to be carried out to conform that no water is flowing from the surrounding water body.
- xvii) A separate cell for environmental management in the mine should be set up with suitably qualified people. The Cell shall be under the control of a Senior Technical Person, who will directly report to the Chief Executive.
- xviii) A progress report on the implementation of various environmental control measures and the status of environmental quality shall be submitted to this Ministry every three months.
- xix) The Ministry or any other competent authority may stipulate any further conditions at any stage if the feedback from the project and its impact so dictates, or if the scope of the project is modified.
- xx) The Ministry may revoke the clearance if the implementation of the stipulated conditions is not satisfactory.
- xxi) The above conditions will be enforced, inter-alia under the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986.


(S.K.DAS)
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The Secretary,
Department of Coal,
Shastri Bhavan,