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भारत सरकार

पर्यावरण एवं वन मंत्रालय

Government of India

Ministry of Environment & Forests

दूरभाष :

Telephone No 360478

तार :

Telegram: PARYAVARAN,
NEW DELHI

No. J-11015/18/86-IA

पर्यावरण भवन, नई दिल्ली, पश्चिम हिस्सा,
PARYAVARAN BHAVAN C.G.O. COMPLEX

लोदी रोड, नई दिल्ली-110003
LODI ROAD, NEW DELHI-110003

May 17, 1989

OFFICE MEMORANDUM

Subject:- Environmental appraisal of Lingraj South Opencast Project of South Eastern Coalfields Ltd.

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Reference is invited to the above subject. Department of Coal vide their letter No. 43011/21/88-CPA dated 16th/19th December, 1988 have furnished the additional information in respect of the above project for environmental appraisal.

The proposal has been examined and this Department hereby accords environmental clearance to this project subject to the following conditions :

- i. Detailed exploration of the bottom seam (seam I) will be carried out at the earliest and proper exploitation scheme for this seam will be prepared.
- ii. The reclamation of the mined out area would be carried out as per the plan incorporated in the EMP and in the subsequent Supplementary Notes submitted by the Department of Coal/SECL.
- iii. Instead of waiting till the exhaustion of the mine, the reclaimed areas would be released for economic use at periodic intervals as per the following programme :

(in ha.)

<u>Years after commencement of mining operations</u>	<u>Reclaimed area to be released for economic use</u>
5	20
10	154.9
15	200.24

- iv. The external overburden dumps shall be limited to the minimum possible. During the course of the mining operations, a continuous review shall be conducted to reduce the area required for external overburden dumps.
- v. The top-soil from the areas earmarked for external overburden dumps and coal dumps shall be removed in advance and used for reclamation concurrently. Necessary studies to increase shelf life of top soil shall also be conducted.

B.K. Mukherjee
21/5/89

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- vi. The final slopes of the external overburden dumps shall not exceed 28°. Garland drains shall be provided along the periphery of the external overburden dumps and the quality of the water flowing from these dumps shall be continuously monitored.
- vii. Other pollution control measures listed in the EMP and the subsequent Supplementary Notes shall be strictly implemented as per schedule.
- viii. A periodic progress report regarding implementation of the control measures shall be submitted to this department every six months.
- ix. The air emission and effluent quality will conform to the standards prescribed by the Central/State Pollution Control Board/under Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986.
- x. Regular monitoring of various environmental quality parameters would be carried out by the project authorities and the results of the monitoring would also be included in the six monthly progress report to be submitted to this Ministry.
- xi. The project will have an Environmental Cell for monitoring quality of water, air, solid waste, greening and other action plans for protection of environment under the supervision of a senior technical person who will report to Chief Executive of the project.
- xii. Adequate financial provision will be made in the project cost to meet the expenditure for implementation of the environmental safeguards.
- xiii. This Ministry may stipulate any other conditions that may be required in the interest of environmental protection.
- xiv. These conditions and safeguards will be implemented, among others, under the Environment (Protection) Act, 1986.
- xv. Provision ^{of} funds made for implementing the above conditions (capital & Recurring) should be communicated to this Ministry.

Failure to comply with any of the conditions mentioned above would result in withdrawal of the environmental clearance granted hereby.

(R. Mehta)
Scientist SE

Secretary
Department of Coal
Shastri Bhavan, NEW DELHI

Copy to :-

1. Chairman-cum-Managing Director, Coal India Ltd., 10-A Netaji Subhash Road, Calcutta.
2. Chairman-cum-Managing Director, South Eastern Coalfields Ltd., Post Box No. 60, Seepat Road, Bilaspur-495001
3. Conservator of Forests (Central), Regional Office, Western Zone, E-3/240 Arera Colony, Bhopal-(M.P.)
4. Secretary, Department of Environment, Government of Orissa, Bhubaneswar
5. Chairman, Orissa State Pollution Control Board A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar
6. Chairman, Central Pollution Control Board, 60-Skylark Nehru Place, New Delhi
7. Shri B.S. Parsheera, Director (C), Ministry of Environment & Forests, New Delhi

R. Mehta
(R. Mehta) 17/5/88
Scientist SE