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भारत सरकार

पर्यावरण एवं वन मंत्रालय

GOVERNMENT OF INDIA

MINISTRY OF ENVIRONMENT & FORESTS

पर्यावरण भवन, सी० जी० ओ० कॉम्प्लेक्स

PARYAVARAN BHAWAN, CGO COMPLEX

लोदी रोड, नई दिल्ली - 110003

LODHI ROAD, NEW DELHI-110003

No: J-11011/65/96-IA-II

Jan.15, 1997

To

The Chairman & Managing Director  
Rashtriya Chemicals & Fertilizers Ltd.  
Priyadarshini, Eastern Express Highway  
Sion,  
Mumbai-400022.

GM(R)

25/1/97

Subject: RCF Expansion Project at Thal-Environmental Clearance.

Sir,

This has reference to your letter dated 31st July, 96 and 1st November, 96 regarding your application for expansion of Thal complex at Raigad District, Maharashtra. The Ministry of Environment and Forests have carefully examined your application and it is observed that the following additional units are proposed under the expansion project.

- Ammonia Plant : 1350 TDP
- Urea Plant : 2x1100 TDP each
- Formic Acid Plant : 11,000 MTPA
- Carbon Monoxide Plant : 1200 Nm<sup>3</sup>/hr.

It is also noted that the new ammonia plant will be based on Naptha as feed stock in view of the constraint regarding availability of Natural gas.

2. The Ministry of Environment and Forests accords environmental clearance for the project as per EIA Notification dated 27th January 1994(as ammended on 4th May, 1994) subject to implementation of all conditions stipulated by the Ministry while according approval for manufacture of Dimethyl Formamide and Methylamine at Thal vide O.M. No. J-11011/31/90-IA-II dated 14th October, 1991. In addition, the following conditions should also be implemented by RCF.:

Contd..

- (i) The project authority must strictly adhere to the stipulations laid down by the Maharashtra State Pollution Control Board and the State Govt.
- (ii) No expansion or modernisation of the plant should be carried out without the prior approval of the Ministry of Environment and Forests.
- (iii) Recommendations made in the status report on mangroves must be complied with in a time bound manner.
- (iv) The chromate system for the existing units should be phased out by July, 1977.
- (v) Low NO<sub>x</sub> burners should be provided for the primary reformer stacks. Efforts should also be made by the industry to minimise NO<sub>x</sub> emission from the existing ammonia reformer stacks to the extent possible. A feasibility report in this regard should be submitted to the Ministry for review within six months.
- (vi) On line continuous stack monitoring equipments should be installed for measurement of SO<sub>2</sub>, NO<sub>x</sub>, NH<sub>3</sub> and SPM and record maintained.
- (vii) Ambient air quality should also be monitored for CO, methane and non-methane hydrocarbon, respirable particulate matter and Aldehydes, in addition to SO<sub>2</sub>, NO<sub>x</sub>, SPM and NH<sub>3</sub>.

3.0 The Ministry reserves the right to revoke the clearance, if implementation of any of the conditions stipulated by the Ministry or any other competent authority is not satisfactory.

4.0 The above conditions may be modified or additional ones may be prescribed after examining the monitoring reports or any other reports prepared by the project authorities from time to time.

5.0 The stipulated conditions will be monitored by the Regional Office of this Ministry located at Bhopal/ CPCB/ MSPCB. A six monthly compliance status report should be submitted to them regularly. The Central/State Pollution Control Boards will monitor the compliance of the EMP measure in meeting the prescribed environment quality norms.

6. Any other conditions or alterations in the existing conditions based on monitoring and feed back on project progress will be fully implemented by the project authorities within the specified time.

7. The above conditions will be enforced inter-alia under the

provisions of the Water (Prevention and Control of Pollution) Act, 1974. The Air (Prevention and Control of Pollution) Act, 1986, the Environment (Protection) Act 1986 and the Public (Liability) Insurance Act, 1991 along with their amendments from time to time.

Yours faithfully,

*Dr. R. Warriar*  
(DR. R. WARRIER)  
JOINT DIRECTOR

Copy to:

1. The Secretary, Ministry of Chemical and Fertilizers, Shastri Bhavan, Delhi- 110001.
2. The Chairman, Central Pollution Control Board, Privesh Bhavan, East Arjun Nagar, Delhi-110032.
3. The Chairman, Maharashtra State Pollution Control Board, Shri Chhatrapati Shivaji Maharaj, Municipal Market Bldg. 4th Floor Mata Ramabai Ambedkar Road, Mumbai-400001.
4. Secretary, State Deptt. of Environment, Govt. of Maharashtra, Mumbai.
5. The Chief Conservator of Forests, Regional Office, Bhopal.
6. The Adviser(PAD), Planning Commission, Yojana Bhavan, New Delhi.
7. The Adviser(P&E), Planning Commission, Yojana Bhavan, New Delhi.
8. Addl. Director(Monitoring Cell) MOEF Paryavaran Bhavan, New Delhi.
9. Adviser (EI), MOE&F, Paryavaran Bhavan, New Delhi.
10. Guard File,
11. Record File,
12. Monitoring File.

(DR. R. WARRIER)  
JOINT DIRECTOR