

EP/12.1/119/KAR

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सभी पत्र, मंत्रि, भारत सरकार, जन भूतल परिवहन
 मन्त्रालय (परिवहन पक्ष) को उनके नाम पर नहीं बल्कि, पद के
 पत्र पर भेज जान चाहिए।
 पता: "ट्रांसपोर्ट"
 All communications should be addressed to
 the secretary to the Government of India, Ministry
 of Surface Transport (Transport wing) by title
 NOT by name.
 Telegram: 'TRANSPORT'
 Telex: 031-61157, 61158, 61159 VAHN IN



031-61157 AB
 Telex Nos. 031-61158 VAHN
 031-61159 IN

भारत सरकार
 Government of India
 जन भूतल परिवहन मन्त्रालय
 MINISTRY OF SURFACE TRANSPORT
 ट्रांसपोर्ट भवन/Transport Bhawan
 1, संसद मार्ग/1, Parliament Street
 नई दिल्ली-110001/New Delhi-110001

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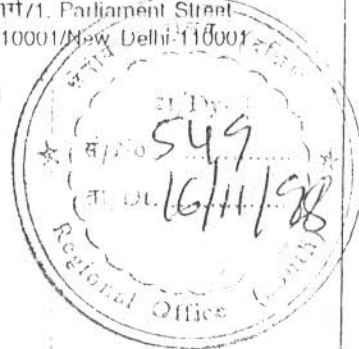
No. PD/12016/1/97-NMPT(CRZ)

Dated the 28th Oct., 1998

To

The Director,
 United Storage and Tank Terminal Ltd.,
 107, G.N. Chetty Road,
 T. Nagar,
 Madras - 600 017.

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Subject: Environment Clearance for the proposed construction of tank terminals for storage and handling of Hazardous petroleum and petrochemical products at NMPT by M/s. United Storage Tank Terminals Ltd., Madras.

Sir,

The undersigned is directed to refer to your letter dated 21.2.98 on the subject mentioned above and to say that the proposal has been considered by this Ministry from environmental angle and clearance is hereby accorded subject to the strict implementatin of the following safeguard measures :-

- (i) All construction designs/drawings relating to construction activities must have the approval of the concerned Govt. Departments /Agencies. Ground water should not be tapped for construction activities.
- (ii) Adequate provision for all infrastructural facilities such as water supply, fuel, sanitation etc. must be extended for labourers during the construction period in order to avoid damage to the environment.
- (iii) Dredging operations should be undertaken in consultation with either the Central Water and Power Research Station, Pune or the National Institute of Oceanography, Goa to ensure that dredging operations do not cause adverse impact on water quality and marine productivity in the vicinity. Dredging operation as far as possible should be kept to the minimum for avoiding any adverse impacts on marine life.
- (iv) Disposal sites for excavated material should be so designed that the revised land use after dumping and changes in the land use pattern do not interfere with the natural drainage.
- (v) To meet any emergency situation, adequate foam containers should be kept ready with supporting fire fighting system and water pipeline.

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(vi) The staff posted in sensitive areas should be trained in implementation of the Crisis Management Plan already drawn by the authorities. Mock drill(s) for this purpose should be conducted on a regular basis. Provisions of Dock Safety Act and the guidelines issued by the DGFASLI/CLI, Bombay for the safety and health of the dock workers should be followed.

(vii) For development of green buffer including mangroves wherever feasible, the authorities should start growing large nursery of multipurpose species such as Eucalyptus, Casuarina, Dalbergia, Terminalia etc. The norm of about 2000-2500 trees per ha may be adopted for raising of green belt.

(viii) To prevent discharge of sewage and other liquid wastes including ballast into marine environment, adequate system for collection, treatment and disposal of liquid wastes must be provided to the satisfaction of Andhra Pradesh Pollution Control Board.

(ix) Adequate noise control measures must be provided to maintain noise level within the prescribed standard (85 DBA) in various work places. If need be, ear pluggs and ear muffs should be provided to the workers in the port area.

(x) The quality of treated effluents, solid wastes and emissions must conform to the standards laid down by the competent authority including Central/State Pollution Control Boards.

(xi) An Environmental Cell should be immediately made operational with adequate laboratory facilities, equipments and a mobile van for collecting air samples. The record and the data should be submitted with proper analysis and corrective measures required, if any, for maintaining the levels within the prescribed limits to the Regional Office of the Ministry of Environment & Forests, Bangalore. The Environmental Cell should coordinate and monitor environmental mitigative measures executed in the Beypore port area.

(xii) Necessary leakage detection devices with early warning system must be provided at strategic locations.

(xiii) Standby DG sets must be provided to ensure uninterrupted power supply to the pump house and the fire fighting system.

(xiv) Third party inspection should be ensured during construction and operational phases with adequate insurance cover. The project authorities should confirm on regular intervals of six months to the Ministry about the implementation of the suggested safeguard measures and the data/report should be open for inspection by the Team which would be constituted by the Ministry, if found necessary.

(xv) Full support should be extended to the Officers of the Ministry of Environment & Forests Regional Office at Bangalore during inspection of the project for monitoring purposes by the project proponents by furnishing full details and action plans including action taken report on mitigative measures.

(xvi) Adequate funding provisions, yearwise and itemwise, must be made for implementation of the above mentioned safeguard measures.

(xvii) No POL product other those mentioned in the Annex III appended to Govt. of India notification in the Ministry of Environment and Forests, S.O. No.494(E) dated July 9th 1997 will be allowed to handle/store in any port area.

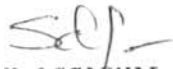
(xviii) The project authorities would ensure that safety regulations and guidelines issued by Oil Safety Directorate in the Govt. of India, Ministry of Petroleum and Natural Gas are implemented.

3. In case of any deviation or alteration in the project including the implementing agency, a fresh reference should be made to the Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection. The Project authorities would be responsible for implementing the above suggested safeguard measures.

4. The Ministry reserves the right to revoke clearance, if the conditions stipulated are not implemented to the satisfaction of the Ministry.

5. These stipulations would be enforced among others under the provisions of Water(prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment(Protection)Act, 1986 and the Public Liability (Insurance) Act, 1991 alongwith their amendments and rules.

Yours faithfully,


(A.K.AGGARWAL)
Desk Officer(PD)
Tel.No.3719456

COPY TO:

1. Director(IA), Ministry of Environment & Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
2. Chairman, New Mangalore Port Trust, Panambur, Mangalore.
3. Chief Conservator of Forests, Kendriya Sadan, 4th Floore, E&F Wing, 7th Main Road, Bangalore.
- ✓ 4. Regional Office of Ministry of Environment & Forests, Eastern Region, Bangalore.


(A.K.AGGARWAL)
Desk Officer(PD)