

Annexure

No. J-12011/37/2003-IA-I
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan,
C.G.O. Complex, Lodi Road,
New Delhi-110003

Dated: 02.05.2005

The Managing Director,
Karnataka Neeravari Nigam Limited,
4th Floor, Coffee Board Building, No. 1,
Dr. B. R. Ambedkar Veedhi,
Bangalore - 560001
Karnataka

Subject - **Upper Tunga Project in District Shimoga, Karnataka-
Environmental Clearance - regarding.**

Sir,

This has reference to your letter No. KNN-22-TRM-TA.3-2002-03/910, dated 19.10.2002 and subsequent letters dated 14.11.2002, 07.07.2003, 02.09.2003 and 31.12.2005 on the subject.

The above referred proposal was considered by the Expert Committee for River Valley & Hydroelectric projects at its meeting held on 07.11.2003. The proposal envisages construction of a new dam across river Tunga 11 kms from Shimoga town which is located 100 meters downstream of the existing Tunga anicut near Ganjanur. The Project will irrigate 80494 ha. in Shimoga, Honnali, Haveri, Hairekeur, Renebennur and Hanagal Talukas. The provision for generation 19.5 MW power and also been made in the proposal. Total land requirement for the project is 3601.42 hectare which include 531.04 hectare forest land, out of that 427.29 hectare forest land will be submerged. De-reservation of forest land granted for 449.55 ha. on 01.10.2003 and 81.49 ha. yet to be obtained. Total 1050 persons from 201 families will be affected due to this project. There are no Archaeological sites / Monuments within 7 Km of the project site. Public Hearing was conducted on 08.07.1999. The capital cost of the project Rs. 1052.33 Crores (2000-01 Price Level).

2. The Ministry of Environment and Forests hereby accords environmental clearance as per the provision of Environmental Impact Assessment Notification-1994, subject to the strict compliance of the terms and conditions mentioned below -

Part-A: Specific conditions

- i) The Catchment Area Treatment Plan as has been proposed should be completed before filling up of reservoir.
- ii) In all 1050 people from 201 families (44 SC families) will be affected due to this project. The R&R package for PAPs should not be less than the package proposed in the national Policy on resettlement and rehabilitation.
- iii) A Rehabilitation Advisory Committee to oversee the implementation of R & R programme is constituted by Government of Karnataka G.O.No.RD/44/REH 2001, dated 18.10.2001. The R & R Committee must include one representative of project-affected persons from SC category and a woman beneficiary.
- iv) Any possible human disturbance (temporary labour camp, etc.) during the excavation of the canal should be contained to the Eastern side of the canal. The Western side of the canal within Shettihalli Wild Life Sanctuary should not be disturbed.
- v) Occurrence of stagnant pools/slow moving water channels during construction and operation of the project providing breeding source for vector mosquitoes and other parasites. The river should be properly channelised so that no small pools and poodles are allowed to be formed. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project authorities to take all corrective steps i.e. residual insecticidal spray in all the project impact area and surrounding 3 Km. area, keeping the flight range of mosquitoes in consideration.

Part - B. General conditions

- i) Provision of supplying kerosene or cooking gas / Pressure Cooker to the labourers should be kept instead of supplying fuel wood.
- ii) Fuel depot may be opened at the site to provide the fuel (kerosene/wood /LPG). Medical facilities as well as recreational facilities should also be provided to the labourers.
- iii) All the labourers to be engaged for construction works should be thoroughly examined by health personnel and adequately treated before issue the work permits.
- iv) Restoration of construction area including dumping site of excavated materials at dam site & power house site should be ensured by leveling, filling up of borrow pits, landscaping etc. The area should be properly afforested with suitable plantation.
- v) A multidisciplinary committee should be constituted with representative from the disciplines of forestry, ecology, wildlife, soil conservation, NGO etc. to oversee the effective implementation of the suggested safeguard measures.

vi) Financial provision should be made in the total budget of the project for implementation of the above suggested safeguard measures.

vii) Six monthly monitoring reports should be submitted to the Ministry and its Regional Office, Bangalore for review.

3. Officials from Regional Office MOEF, Bangalore would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection.

4. The responsibility of implementation of environmental safeguards rests fully with the Karnataka Neeravari Nigam Limited and Government of Karnataka.

5. In case of change in the scope of the project, project would require a fresh appraisal.


6. The Ministry reserves the right to add additional safeguard measures subsequently if found, necessary and to take action including revoking of the clearance under the provisions of the environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.

7. This clearance letter is valid for a period of five years from the date of issue of this letter for commencement of construction work.

8. A copy of the clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.

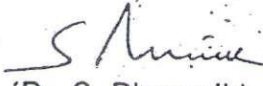
9. State Pollution Control Board / Committee should display a copy of the clearance letter at the regional office, district industries centre and collector's office / tehsildar's office for 30 days.

10. The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://www.envfor.nic.in/>.



(Dr. S. Bhowmik)
Additional Director

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1. The Secretary, Ministry of Water Resources, Shram Shakti Bhawan, Rafi Marg, New Delhi - 110001.
2. Secretary, Department of Environment, Government of Karnataka, Bangalore.
3. Secretary, Department of Irrigation, Government of Karnataka, Bangalore.
4. The Advisor (I & CAD) Planning Commission, Yojana Bhawan, New Delhi - 110 001.
5. The Chief Engineer (PAD), Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi - 100062.
6. Member Secretary, Karnataka State Pollution Control Board, 6,7,8, & 9th Floor, (Public Utility Building) Netaji Subhas Chandra Bose Building, M.G. Road, Bangalore - 560001.
7. CCF, Regional Office, Ministry of Environment & Forests, Bangalore.
8. EI - Division, MOEF, New Delhi - 110001.
9. Guard file.


(Dr. S. Bhowmik)
Additional Director

"Attest -"


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