

भारत सरकार
पर्यावरण एवं वन मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS

No. J-12011/38/2001-IA-I

Dated: 7. 03.2003.

To,

The Chief (Environment),
National Hydroelectric Power Corporation Ltd.,
NHPC Office Complex,
Sector-33,
FARIDABAD - 121003
HARYANA

Sub: Sewa Hydroelectric Project Stage-II (120 MW) , in District Kathua , J & K -
Environmental Clearance-regarding.

Sir,

This has reference to your letter No.NH/PD/Env89/2469 dated 13.09.02, 25.10.02, 17.02.02 & 30.12.02, on the above subject.

2 The above referred proposal was considered by the Expert Committee for River Valley & Hydroelectric projects at its meeting held on 29.11.2002 & reconsidered on 16.01.2003. The Sewa Hydroelectric Project Stage-II (3x40 MW) is a run of the river scheme on the river Sewa, a tributary to river Rabi and is located in Kathua District, Jammu & Kashmir. The dam is located at Gatti village and the power house located at Mashka Village. Three hydroelectric projects will be located along Sewa river. The Sewa HEP Stage-I utilizes a drop of about 100 m upstream of village Ghatti between Bamni & Gatti and investigations by State Government on this project have not been reported. Sewa HEP Stage-II utilises a drop of about 560 m between Gatti village and Mashka just above the confluence of Sewa and Rabi rivers. Sewa Stage-III is located downstream of Sewa HEP-II and has an installed capacity of 6 MW. The capital cost of the project Rs. 705.13 Crores.

3. The Environmental Management Plan submitted by NHPC has been examined. The Ministry of Environment and Forests hereby accords environmental clearance as per the provisions of Environmental Impact Assessment Notification, 1994, subject to strict compliance of the terms and conditions as follows:

May kindly see.

Usha Bhat
7/3/03

GM (Engg.)

EOC (Engg.)

DET

Usha Bhat
7/3/03

SM (Env)

पर्यावरण भवन, सी. जी. ओ. कॉम्प्लेक्स, लोदी रोड, नई दिल्ली-110003
PARYAVARAN BHAVAN, C.G.O. COMPLEX, LODHI ROAD, NEW DELHI-110003

Part A: Specific Conditions

(i) 86 families of the 2 villages of Gatti & Mashka will be affected. The affected families should be rehabilitated as per R & R plan proposed & approved by the State Government vide letter No.LA/266 dated 27.12.2002. The economic rehabilitation of the affected population should be covered through vocational training e.g. apiculture, rabbit farming, poultry farming & sericulture activities.

(ii) The solatium for the project affected families be increased from 15 per cent to 30 per cent in line with the Government of India guidelines.

(iii) 3256 ha. severely degraded and very severely degraded catchment area should be completed in four years as proposed. Year wise break up of physical targets of CAT plan as follows -

Biological Measures (Area in ha)						
No.	Item of Work	I st Year	II nd Year	III rd Year	IV th Year	Total
1.	Afforestation	300	540	400	400	1640
2.	Fodder and fuel wood plant	72	150	150	150	522
3.	Horticulture plantation	60	60	65	65	250
4.	Pasture Development	50	40	40	50	180
5.	Contour trench Plantation	40	40	40	40	160
B. Engineering Measures (Area in ha)						
1.	Gully Control	15	15	15	14	59
2.	Stream Bank Protection	20	20	20	15	75
3.	Bench Terracing	30	30	30	14	104
4.	Landslide Control	20	20	20	30	90
5.	Contour bunds	20	22	22	25	89
6.	Check dams	15	15	15	10	55
7.	Nala trainin	10	12	10	10	42

(iv) The conservation of medicinal plants as proposed should be carried out in consultation with the Monitoring Committee set up by the State Government.

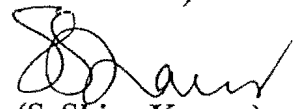
(v) The basic data of Ambient Air Quality, Noise Level, Ground Water Quality, Bio-chemical Oxygen Demand (BOD) and Coliform count of surface water should be monitored periodically and reports submitted.

(vi) The minimum flow of water should be 6 cusecs during the lean season in the pools immediately downstream of the dam.

Part-B: General Conditions

- (i) Adequate free fuel arrangement should be made for the labour force engaged in the construction work at project cost so that indiscriminate felling of trees is prevented.
 - (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 issuing them work permit.
 - (iv) Restoration of construction area including dumping site of excavated materials should be ensured by leveling, filling up of burrow pits, landscaping etc. The area should be properly treated with suitable plantation.
 - (v) Financial provision should be made in the total budget of the project for implementation of the above suggested safeguard measures.
 - (vi) A Multidisciplinary committee should be constituted with representatives from various disciplines of forestry, ecology, wildlife, soil conservation, NGO etc. to oversee the effective implementation of the suggested safeguard measures.
 - (vii) Six monthly monitoring reports should be submitted to the Ministry and its Regional Office, Chandigarh for review.
4. Officials from Regional Office MOEF, Chandigarh who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection.
5. The responsibility of implementation of environmental safeguards rests fully with the NHPC & Government of J & K.
6. In case of change in the scope of the project, project would require a fresh appraisal.
7. 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 Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time- bound and satisfactory manner.

8. This clearance letter is valid for a period of five years from the date of issue of this letter.
9. 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.
10. State Pollution Control Board / Committee should display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's office/ Tehsildar's office for 30 days.
11. 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](http://www.envfor.nic.in)


(S. Shiva Kumar)
Director (IA)