

तार :  
Telegram : PARYAVARAN,  
NEW DELHI

दूरभाष :  
Telephone : 2436 2827

टेलिक्स :  
Telex : W-66186 DOE IN  
FAX : 4380078

भारत सरकार  
पर्यावरण एवं वन मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS  
पर्यावरण भवन, सी. जी. ओ. कॉम्प्लेक्स  
PARYAVARAN BHAVAN, C.G.O. COMPLEX  
लोदी रोड, नई दिल्ली-110003  
LODHI ROAD, NEW DELHI-110003

No.J-12011/36/2003-IA-I

09.03.2006

Chairman cum Managing Director  
National Hydroelectric Power Corporation Ltd.  
Sector - 33  
Faridabad - 121003  
Haryana.

Subject - Kishanganga Hydroelectric Project(330 MW) - Revised Environment clearance for change in project features regarding.

This has reference to your letters No. NH/PD/Env.1/2382 dated 06.09.2005 and subsequent letter dated 23.01. 2006 on the above mentioned subject. The proposal was accorded environmental clearance on 19.04.2004 for construction of a 77 m high concrete dam with storage capacity of 220 M cum which was to be diverted through 21.66 km long HRT.

2. It is now noted by the Ministry that NHPC proposes to reduce the dam height from 77 to 37 m as a result of which the length of reservoir would get reduced from 11.2 km to 4.5 km and area of submergence would get reduced from 7.65 sq.km to 2 sq.km. Only one village would now get affected.

3. As such this revised environment clearance letter is issued in supersession of the earlier environment clearance letter dated 19.4.2004, 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) Only one village would now get affected. The exact number of families and population getting affected may be communicated to this Ministry after



conducting a fresh socio-economic survey of the project affected village. The affected families should be rehabilitated as per R & R plan proposed in the EMP report. A monitoring committee shall be set up for monitoring and implementation of R & R plan. The committee should include a woman representative from the project affected persons.

- (ii) Catchment Area treatment plan as has been proposed should be completed in six years. The plan is reproduced below -

Sl.No.	Item of work	Unit	Year-wise Breakup						Total
			I Year	II Year	III Year	IV Year	V Year	VI Year	
A. ENGINEERING MEASURES									
1. Check Dams for Gully Control									
a)	Brushwood	Nos.	50	50	50	50	-	-	200
b)	Dry Rubble Stone Masonry (DRSM)	ha.	90	80	80	80	60	-	390
2. Wire Crates for Gully control, Slope stabilization, etc.									
a)	Wire crates	ha.	100	100	80	60	50	-	390
3.	Diversion drains / Catchwater drains	Rmts.	300	300	300	250	200	-	1,350
	Sub-Total(1-3)	-	190	180	160	140	110	-	780
B. BIOLOGICAL MEASURES									
i)	Nursery Development*	ha	25	15	10	-	-	-	50
ii)	Maintenance of nurseries	ha	-	25	15	10	-	-	50
iii)	Advance works	ha	300	200	200	-	-	-	700
iv)	Final plantations								
a)	Afforestation	ha	-	120	120	100	-	-	340
b)	Fodder / Fuelwood	ha	-	90	50	50	-	-	190
c)	Horticulture plantations	ha	-	50	20	30	-	-	100
d)	Silvi-pastoral plantations	ha	-	40	10	20	-	-	70
	Sub Total	-	-	300	200	200	-	-	700
*This area is in addition to the area requiring treatment measures.									

\*This area is in addition to the area requiring treatment measures.

- (iii) The solatium for the project affected families be increased from 15% to 30% in line with the Government of India guidelines.
- (iv) Once the construction of dam is completed the downstream water flow will be reduced. To check mosquito breeding, a minimum rate of flow of water, at 60 cm/sec should be maintained. Specific measures to alleviate the problem of malaria/ mosquito breeding will have to be made as a part of this project.



- (v) Project authorities should take measures for the biodiversity conservation & multiplication of endangered medicinal plants found in the project area.
- (vi) Fishery development plan as proposed should be implemented in consultation with the State Fishery Department.

**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 for 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 report 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 for commencement of construction work.
  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 environmental clearance of the project has been revised 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 & Forests at <http://www.envfor.nic.in>

Copy to:-

*S. Bhowmik*  
(Dr. S. Bhowmik)  
Additional Director

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi-110 001.
2. Principal Secretary, Power Development Department, Government of J&K.
3. The Secretary, Department of Environment, Govt. of J&K.
4. The Secretary, Ministry of Water Resources, Shram Shakti Bhawan, Rafi Marg, New Delhi-110.001.
5. The Advisor(Power), Planning Commission, Yojna Bhwan, New Delhi-110 001.
6. The Chief Engineer, Project Appraisal Directorate, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110.066.
7. The Regional Office, Ministry of Environment & Forests, Chandigarh.
8. Member Secretary, J&K State Pollution Control Board, Srinagar, Govt. of J&K.
9. EI-Division, Ministry of Environment & Forests, New Delhi-110.003
10. Guard file

*S. Bhowmik*  
(Dr. S. Bhowmik)  
Additional Director