

Teesta III

(1200 MW H.E. Project, Sikkim)

60



TUL/RMoEF/130604

04-06-2013

Dr. S.C. Katiyar
Joint Director
North Eastern Regional Office
Ministry of Environment & Forests
Lumbatngen (LAW-U-SIB)
Near M.T.C. Workshop
Shillong – 793 021, Meghalaya

Sub: Submission of Six Monthly Report (ending April -2013) regarding Implementation of Environmental Management Plan for (1200 MW) Teesta-III HEP in North Sikkim by M/s. Teesta Urja Limited

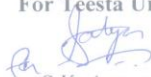
Dear Sir,

We are pleased to submit the “Six Monthly Progress Report” of Teesta-III (1200 MW) Hydroelectric project for the period ending April 2013. We will be pleased to provide any additional information, if required.

Thanking you

Yours sincerely,

For Teesta Urja Limited


S.K. Agrawal
(Managing Director)

Encl: Six Monthly Progress Report regarding Status of implementation of Environmental Management Plan

Copy to:

1. Shri B. B. Barman, Director MoEF & Member-Secretary, Ministry of Environment & Forest, Government of India, Paryavaran Bhavan, C.G.O Complex, Lodhi Road, New Delhi- 110 003.
2. Member Secretary, State Pollution Control Board, Department of Forest, Environment & Wildlife Management, Deorali, Gangtok, Sikkim.
3. CCF cum Nodal Officer FCA, 1980, Forest, Environment & Wildlife Management Department, Government of Sikkim, Gangtok.

Sl. No. 547
Date 10/6/13

P.O. Agrawal
12/06/2013

TEESTA URJA LIMITED

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Annexure- IIICompliances towards stipulation of MoEF Environmental Clearance

Sl. No.	Conditions	Status
PART-A (SPECIFIC CONDITIONS)		
i)	Catchment area treatment for an area of 1953.3 ha is to be carried out as per MoEF stipulations.	CAT plan is being implemented by State Forest Department for which entire amount of Rs. 10.027 Crores has already been deposited in CAMPA fund. State Forest Department through different forest divisions carried out the biological measures over an area of 1535 ha. Regular follow up is being done to get the status of implementation of CAT Plan.
ii)	Considering the Landslide prone area tunneling should be done with great care.	The tunneling is being executed with the help of control blasting and pre-splitting method.
iii)	Clearance from National Committee of Seismic design Parameter of CWC shall be obtained.	Seismic Design Parameters for Teesta-III HEP has been approved by NCSDP in its XIX th meeting held on 11 th April 2008 at CWC, New Delhi.
iv)	156 family shall be rehabilitated as per NPRR-2003	Complied. The administrator R & R committee has disbursed the PAF grant and Tribal grant to the 265 project affected families.
v)	Monitoring committee shall be constituted which must include representative from affected person from SC/ST category and a women beneficiary.	R & R committee has been constituted for the proper monitoring and implementation of R & R plan vide notification no. 48/301/II/LR&DMD(S) dated 22 nd July 2008.
vi)	All the assurance/commitment must be honored in letter and spirit.	Being complied.



Sl. No.	Conditions	Status
vii)	Wildlife conservation plan as per page 10-1 to 10-13 in EMP shall be followed	A sum of Rs. 1.147 Crore as part of EMP and Rs. 5.25 Lakh as part of Forest clearance payment (CAMPA Fund) has been deposited to the State Forest Department for implementation of Wildlife Conservation Plan. Kanchenzonga National Park (KNP) Division implementing the same plan by establishing Check post, footpath construction, constructing water holes, planting fruit bearing tree as a part of habitat improvement, etc. by spending Rs. 45 Lakhs released by CAMPA during 2011-12 financial year.
viii)	Forest Clearance shall be obtained for acquiring 80.288 Hectare forest land and submitted.	Complied. MoEF accorded Forest Clearance vide letter F.No.8-142/2006-FC dated 2 nd November 2007 for diversion of 83.0405 ha forestland.
ix)	Fish Management Plan in consultation with Fisheries department. GOS shall be submitted within 3 month from date of issue of this letter.	Complied. The revised Fish Management Plan rules out the possibility of fish ladder in view of height of dam (60 m) from technical as well as operational point and proposes the construction of Trout Hatchery cum rearing farm at Rabum in North Sikkim with an estimated cost of Rs. 1,13,47,346/- only including recurring cost of Rs. 20 Lakhs for operation and maintenance for five years . Whole constructional cost has been submitted to State Fisheries Department and work on ground has been completed.
x)	Minimum 3 cumecs water shall be	Operational issue will be complied accordingly.



Sl. No.	Conditions	Status
	released during lean season.	
xi)	Any other clearance from other organization shall be obtained if required.	Agreed
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.	In order to prevent any felling of trees all the labour force engaged in the project is being provided with free food for which community kitchens are being run at each sites. About 840 LPG connections have been provided for the use at different Project sites. Besides this, Diesel bhatties are also being used in community kitchens.
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.	840 LPG connections are purchased and are being refilled on regular basis by IOCL. HSD is being supplied by IOCL. 7 nos. of dispensaries with bed facilities are opened at various project sites to provide medical support to labourers and other project staff.
iii)	All the labourers to be engaged for construction works should also be thoroughly examined by health personnel and adequately treated before issuing them work permit.	Complete health screening is being done by company's doctors before deployment.
iv)	Restoration of construction area including dumping area with levelling, filling up of burrow pits, landscaping etc. area should be properly treated with suitable plantation.	All the muck disposal yards are being provided with support structures like concrete walls, crate walls, drainage network and leveling and filling. Restoration of the dumping yards has also started by bio-engineering measures like block plantation and



Sl. No.	Conditions	Status
		laying jute mate.
v)	Financial measure shall be made in the total budget for safeguard measures.	Adequate financial provisions have been provided in the Environmental Management Plan.
vi)	A monitoring committee for R&R should be constituted which must include representatives of project-affected persons from a women beneficiary.	R & R committee has been constituted vide notification no. 48/301/II/LR&DMD (S) dated 22 nd July 2008 by Land Revenue & Disaster Management Department, Government of Sikkim. Mrs. Rizangmu Lepcha (PAP) is elected as women beneficiary member of the committee.
vii)	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.	Multidisciplinary Monitoring Committee (MDC) comprising Ex-Chairman of EAC Dr. P G Sastry along with other members from different disciplines visited the project site on 8 th to 9 th of April 2011.
viii)	Six monthly monitoring reports should be submitted to the Ministry and its regional Office, Shillong for review.	Six monthly reports are being submitted regularly to MoEF and Regional MoEF.
ix)	Officials from Regional Office MoEF, Shillong 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.	Agreed.



Annexure-IVCompliance to the conditions of SPCB

Sl. No.	Conditions	Remarks
1.	Any alteration in the process and generation capacity shall require the prior approval.	Agreed.
2.	Shall have facilities to prevent and control Water and Air pollution in the project.	Full-fledged Environmental monitoring laboratory has been set up at Chungthang, North Sikkim with Environmental professionals. Regular water sprinkling, extension of DG set stacks, construction of settling tanks etc. is being done for pollution control.
3.	You shall have controlled blasting & the provision to control the dust generated there off	The tunneling is being executed with the help of control blasting and pre-splitting method.
4.	Shall have facility to treat the waste water generated by the hydel project before releasing to immediate environment.	Septic tanks have been constructed at Camp area of project sites and settling tanks in Portal faces for control of the water pollution.
5.	You shall release 10% of total flow of water to maintain environmental flow in lean season.	Operational issue will be complied accordingly.
6.	Solid waste from project area should be collected & dumped/disposed off in authorized dumping area.	Proper muck management plan is prepared in EMP & muck dumping sites have been developed by constructing crate walls, RCC walls etc. Muck is either strictly being dumped to designated dumping sites or being utilized as aggregate in construction activities.
7.	You shall ensure that there will be no dumping of solid waste near/into any aquatic	Muck is being strictly dumped in designated muck dumping sites.



Sl. No.	Conditions	Remarks
	bodies	
8.	You shall apply for NOC to run batching plant, stone crusher & DG sets before installation.	Regular applications are being submitted for NOC/renewal of NOC/consents for batching plant, stone crushers as well as DG sets.
9.	Shall not use any local fire woods as cooking fuel & connect all your camps with LPG.	840 LPG connections have been taken for running community kitchens at various locations for labours & staffs.
10.	You shall not change any natural physico-chemical parameters of the river & natural parameters of the ambient air.	All the parameters of Air & Water are under standard limit & efforts are being undertaken to keep the parameters under limit.
11.	Consent is valid till 31 st March 2013.	Agreed and same has been renewed for the year 2013-14.
12.	Develop Green Belt along the project area.	About 37,500 nos. of locally available plant species have been planted at various locations.
13.	Separate Financial provision of Rupees Two Lakhs to carry out pre and post monitoring and evaluation of the project which shall be done by SPCB Sikkim	Provision has been already made as part of EMP.
14.	Follow all the instruction of Board time to time.	Agreed.
15.	Engage Local unemployed Youths in your unit as per their qualification and experience.	Being complied, local youths are being trained in TITDC, Mangan and have absorbed in the project construction activities.
16.	Board reserves the rights to cancel the consent in the event of any Environmental problem.	Agreed



