



# एसजेवीएन लिमिटेड

मिनी-रत्न शिड्यूल 'A' पीएसयू  
निगमित पर्यावरण विभाग

ISO 9001:2015 Certified

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कार्यालय: मुख्य महाप्रबंधक,  
निगमित पर्यावरण विभाग,  
शक्ति सदन, शनान,  
जिला शिमला, हिमाचल प्रदेश -171006  
टेलीफोन न.: 0177-2660198  
ईमेल: sjvn.ced@sjvn.nic.in

संख्या: SJVN/CHQ/ENV/F05/ 569

दिनांक: 21/05/2020

सेवा में,  
अतिरिक्त प्रधान मुख्य वन संरक्षक (सी),  
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय,  
क्षेत्रीय कार्यालय (NCZ), 25, सुभाष रोड,  
देहरादून - 248001,  
ई-मेल: moef.ddn@gmail.com  
(केवल ईमेल के माध्यम से)

Sub:	Six Monthly Monitoring Report on Compliance to Environmental Aspects (For period October, 2019- March, 2020) i.r.o Nathpa Jhakri HPS (1500 MW), Himachal Pradesh.
Ref:	EC letter No. 3/60/79-HCT/Env., June 26, 1980 (Issued by Department of Science and Technology- Gol)

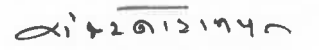
Sir

Kind reference is invited to above referred endorsement vide which Nathpa Jhakri Hydroelectric Project (1500 MW) of SJVN in Shimla and Kinnaur Districts (HP) is granted Environment Clearance. Submission of six monthly compliance report is required by EIA 2006 notification. Further, it is desired vide notification dated 26.11.2018 to submit half yearly compliance reports in soft copies only. Therefore, Six Monthly Monitoring Report (for the period ending March 2020) is submitted for your kind information, please.

संलग्नक: यथोपरि

सधन्यवाद,

भवदीय,  
एसजेवीएन लिमिटेड के लिए,

  
(मुख्य महाप्रबंधक)

प्रतिलिपि (केवल ईमेल के माध्यम से):

उप महानिदेशक वन (सी), पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, क्षेत्रीय कार्यालय (NCZ), 25, सुभाष रोड, देहरादून - 248001,  
ई-मेल: moef.ddn@gov.in

## Six Monthly Monitoring Report on Compliance to Environmental Aspects (For Period Ending March, 2020)

<b>A)</b>	<b>Name of Project</b>	<b>Nathpa Jhakri Hydro Power Station (1500 MW)</b>
	<b>Type of Project</b>	<b>Hydroelectric</b>
	<b>Location</b>	<b>Jhakri (Rampur)</b>
	<b>Contact Address</b>	
	<b>a) Concerned Project Head</b>	<b>Head of project, Nathpa Jhakri HPS, Village Jhakri, Tehsil Rampur Bushahr, District Shimla, Himachal Pradesh, PIN 172201 Contact No.: 01782-275201/ Fax: 01782-234122</b>
	<b>b) Concerned Environment Division (Project)</b>	<b>Head (Environment), Nathpa Jhakri HPS, Village Jhakri, Tehsil Rampur Bushahr, District Shimla, Himachal Pradesh, PIN 172201 Contact No.: 01782-275201/ Fax: 01782-275461</b>
	<b>c) Concerned Environment Division (Corporate)</b>	<b>Head (Environment), SJVN Corporate Headquarters, Shanan, Shimla, HP, PIN 171006 Contact No.: 0177-2660198</b>

S. No	Conditions Imposed	Compliance Status	Remarks
<b>B)</b>	<b>Condition imposed by the Ministry of Environment &amp; Forests, GoI while granting Environment Clearance Vide letter no. Env Dated- 26<sup>th</sup> June, 1980</b>		
1	Necessary arrangements may be made by the project authorities to provide fuel, food, free of charge to the labour force during construction stage if the project so that indiscriminate felling of trees in the neighborhood may be prevented. Forest department may be requested to open fuel for this purpose and adequate prevention to meet the cost of providing free firewood should be made in the project estimate.	Complied	Provisions had been made through contractors.
2.	During the construction operations digging of borrow pits should be avoided as far as	Complied	Same was ensured through the contractors.

	possible and stress laid on the use of earth from mounds, steps should also be taken to remove the scars of construction by levelling and landscaping etc.		
3.	Necessary soil conservation measures should be taken during the construction of roads. Controlled blasting should be resorted to and the services of a geological may be made available to the contractor to avoid unnecessary excessive blasting. The construction operations should be so phased as to provide sufficient time for road construction operations thereby eliminating the need for excessive blasting.	Complied	Same was ensured through the contractors. Soil and water conservation works also undertaken under the CAT plan.
4.	Any assistance in the implementation of the safeguards, if needed shall be gladly extended by this office.	Complied	-

S. No	Conditions Imposed	Compliance Status	Remarks
C)	<b>Condition imposed by the Ministry of Environment &amp; Forests, Gol while granting Forest Clearance</b>		
1.	<b>Vide letter 8-369-85-FC dated 25<sup>th</sup> April, 1986 and typographical mistake corrected vide letter no. 8-369/85- Fry (Conn) dated 20<sup>th</sup> July, 1986 (Release of 117.9956 ha of forest land for NJHEP)</b>		
i.	Legal status of the forest land to remain unchanged.	Complied	-
ii.	The area which is being used for quarry should be restored immediately after quarrying in such manner that restoration work could be taken up. The restoration of land should be done at the cost of the project.	Complied	-
iii.	Dug out material from the tunnel should be shaped in a form that should be used for plantation of trees. This work should be done at the cost of the project.	Complied	Same was ensured through the contractors.
iv.	Compensatory plantation to be raised over	Complied	INR 367.2 lakhs has been deposited

S. No	Conditions Imposed	Compliance Status	Remarks
	non-forest land at the cost of project and the non-forest land available for this purposed be transferred to the forest department		against CA and till date utilization of INR 338 lakhs received from state forest deptt..
v.	A monitoring committee for observance of the conditions should be met up by the State Govt. which should include a representative of this dept.	Complied	-
vi.	The felling of trees should be done only in the area 4 M below.	Complied	-
vii.	No dumping of mine waste be done on forest land.	Complied	-
viii	Fuel wood should be supplied to the staff/laborers free of cost/deployed against their salaries/ wages.	Complied	Same was ensured through the contractors.
2.	<b>Vide letter 9-144/94 ROC dated 21/09/1994 (Release of 4.9796 ha of forest land for NJHEP)</b>		
i.	Legal status of the forest land to remain unchanged.	Complied	-
ii.	Compensatory afforestation shall be raised over double the degraded forest land at the project cost.	Complied	INR 367.2 lakhs has been deposited against CA and till date utilization of INR 338 lakhs received from state forest deptt..
iii.	Soil conservation works will be carried out in the area at the project cost as per plan furnished by the State Government.	Complied	Same was ensured through the contractors. Soil and water conservation works also included in the CAT plan.
iv.	Forest land will be restored back to the State Forest Department after completion of the works. Area will be restored by planting native species at the project cost before handing over back to the Forest Department.	Complied	-

S. No	Conditions Imposed	Compliance Status	Remarks
3.	<b>Vide letter 8-93/2001-FC dated 6<sup>th</sup> June, 2002 (Release of 48.1304 ha of forest land of NJHEP)</b>		
i.	Legal status of the forest land to remain unchanged	Complied	
ii.	Compensatory afforestation shall be raised over double the degraded forest land at the project cost.	Complied	INR 367.2 lakhs has been deposited against CA and till date utilization of INR 338 lakhs received from state forest deptt..
iii.	Panel compensatory afforestation shall be raised over double the degraded forest land in lieu of forest land used in violation at the cost of user agency.	Complied	As replied above.
iv.	While using other areas of dumping/ quarrying etc., proper care would be taken by the user agency to safeguard against spillage/ roll-over of the muck in the forest land/ river. After completion of the works, the user agency will reclaim/ replant the balance sites at their cost in consultation with the State Forest Department.	Complied.	Expenditure to the tune of INR398.5 lakhs incurred on protection works. Restoration work done after stabilizing the dumping area with a cost of INR87.03 lakhs (upto March 2005).
v.	The forest land shall not be used for any purpose other than that specified in the proposal.	Complied	-
4.	<b>Vide letter no. 8-369/85-FC dated 8<sup>th</sup> August, 2005 (Release of 16.04 ha of forest land for NJHEP)</b>		
i.	Compensatory afforestation shall be raised over double the degraded forest land at cost of the user agency. The cost of Compensatory Afforestation shall be transferred to the State Forest Department by the user agency.	Complied.	Cost of CA amounting INR367.2 lakhs stands deposited with HP State Forest Department. Against this amount INR338 lakhs is utilized.
ii.	The entire reservoir created due to submergence shall be declared Reserved Forest under Indian forest Act, 1927. However, regulating fishing shall be	Complied	-

S. No	Conditions Imposed	Compliance Status	Remarks
	allowed.		
iii.	The user agency shall construct 4 feet high RCC pillars, showing forward and backward bearings to demarcate the entire area.	Complied	
iv.	Appropriate strengthening measures for slope stabilization should be adopted to prevent recurrence of such landslides in future.	Complied	Stabilisation, soil and water conservation works, landslide/slip control measures, etc. have been taken under Compensatory Afforestation and CAT plan.
v.	The State Government shall charge Net Present Value from the user agency as directed by Hon'ble Supreme Court and as per the guidelines issued vide Ministry of Environment and Forest letters no. 5-1/98-FC (Pt-II) dated 18 <sup>th</sup> September and 22 <sup>nd</sup> September 2003.	Complied	-
vi.	The State Government shall deposit all the above mentioned funds with Compensatory Afforestation fund Management and Planning authority (CAMPA), which has already been constituted and notified by the Central Government on 23-04-2004. Till such time, the CAMPA intimates the Head of Accounts for deposition of funds, the funds will be maintained in the form of fixed deposits in the name of Nodal Officer or concerned Divisional Forest Officer of the State Government. The funds realized towards the NPV shall not be utilized by the State Government.	Complied	-
vii.	Other standard conditions as applicable to proposals relating to Hydro Electric Project	Complied	Ensured

S. No	Conditions Imposed	Compliance Status	Remarks
	shall apply in the instant case also.		
viii.	The conditions stipulated in this office letter dated 28-07-1986, communicating approval for diversion of 117.9956 ha of forest land for the above project, as per the initial proposal shall also be strictly complied with an addition to above conditions by the State Government/ User Agency.	Complied	-
	<b>Additional measures</b>	<b>CAT Plan</b> Against an outlay of INR 29.57 crore, utilization of INR28.65 crore received from State Forest Department.  <b>Environmental Conservation Measures.</b>  INR1.59 crore spent on plantation, degraded area/nallah treatment, road side/slip stabilization & avenue plantation.	-