SIX MONTHLY PROGRESS REPORT ON ENVIRONMENTAL ASPECTS

Period ending March, 2023

<table>
<tr><td>1.</td><td>Name of the Project</td><td>Uri - II Power Station (240 MW)</td></tr>
<tr><td>2.</td><td>Type of the Project</td><td>Hydroelectric Project</td></tr>
<tr><td>3.</td><td>Clearance Letter(s) OM No. & Date
a) Environment clearance
b) Forest clearance</td><td>
a) J-12011/14/2004-IA-I dated 13.08.2004
b) No forest land is required for the project. NOC issued by J&K Government vide letter dated 29.07.2003</td></tr>
<tr><td>4.</td><td>Locations
a) District(s)
b) State (s)
c) Latitude
d) Longitude</td><td>
Baramulla
UT of Jammu & Kashmir
34° 5’ 34” N to 34° 6’ 27” N
73° 56’ 23” E to 74° 1’ 52” E</td></tr>
<tr><td>5.</td><td>Address for Correspondence
a) Address of concerned Project Head (with pin code and telephone / fax nos.)

b) Address of concerned HOD in Corporate Office (with pincode & telephone/ fax no.)</td><td>
a) Group General Manager (Civil),
Uri-II Power station, Nowpora,
Tehsil-Uri, Baramulla,
UT of Jammu & Kashmir -193123,
Tel : 01956-254201

b) Executive Director (Environment & DM),
Corporate Office, NHPC Limited
NHPC Office Complex, Sector-33,
Faridabad-121003
Tel. no.- 0129-2254674
Email id : envdivmgn-co@nhpc.nic.in</td></tr>
<tr><td>6.</td><td>Details of environmental management plans</td><td>Following Environmental Management Plans were/ are being implemented at the project:
<table>
<tr><th>S. No</th><th>EMP</th></tr>
<tr><td>1.</td><td>Catchment Area Treatment</td></tr>
<tr><td>2.</td><td>Biodiversity Conservation</td></tr>
<tr><td>3.</td><td>Fisheries Development</td></tr>
<tr><td>4.</td><td>Health Care</td></tr>
<tr><td>5.</td><td>Energy Conservation Measures</td></tr>
<tr><td>6.</td><td>Muck Disposal</td></tr>
<tr><td>7.</td><td>Restoration of construction areas</td></tr>
<tr><td>8.</td><td>Green Belt Development</td></tr>
<tr><td>9.</td><td>Solid Waste Management</td></tr>
<tr><td>10.</td><td>Disaster Management Plan</td></tr>
<tr><td>11.</td><td>Environmental studies/ monitoring programme</td></tr>
<tr><td>12.</td><td>Resettlement & Rehabilitation</td></tr>
</table></td></tr>
<tr><td>7.</td><td>Break –up of the Project area (land details)
a) Submergence area (forest &</td><td>
a) Submergence Area: 50.993 ha</td></tr>
</table>

<table>
<tr><td></td><td>non-forest)

b) Others</td><td>- Forest land: Nil
- Pvt. Land : 41.352 ha
- Govt. land: 9.641 ha
b) Others : 127.232 ha
- Forest land: Nil
- Pvt. Land : 82.695 ha
- Govt. land: 44.537 ha
Total : 178.225* ha.
*Includes 556 kanal of land in Peeristhan village that has come under submergence for which acquisition proceedings are pending due to non-availability of revenue record as various enquiries pending with competent authorities in Government and litigation amongst the land owners. Hence the matter is subjudice.</td></tr>
<tr><td>8.</td><td>Breakup of the Project affected population with enumeration of those losing houses / dwelling units only, agricultural land only, both dwelling units and agricultural land and landless labourers / artisans.

a) SC /ST /Adivasis
b) Others:</td><td><table>
<tr><th>S.No.</th><th>Category</th><th>No. of families</th></tr>
<tr><td>1</td><td>Houseless Grant</td><td>173</td></tr>
<tr><td>2</td><td>Land Less Grant</td><td>79</td></tr>
<tr><td>3</td><td>Eligible Persons family Grant</td><td></td></tr>
<tr><td></td><td>a). Families left with < 50% land</td><td>56</td></tr>
<tr><td></td><td>b). Families left with > 50% land</td><td>265</td></tr>
<tr><td>4.</td><td>Transportation Grant</td><td>173</td></tr>
<tr><td></td><td>Sub Total (2+3)</td><td>400</td></tr>
<tr><td></td><td>Eligible Persons family Grant</td><td></td></tr>
<tr><td></td><td>Families left with > 50% land</td><td></td></tr>
<tr><td></td><td>State land</td><td>34</td></tr>
<tr><td></td><td>Custodian land</td><td>87</td></tr>
<tr><td></td><td>Sub total</td><td>121</td></tr>
<tr><td></td><td>Grand Total</td><td>521</td></tr>
</table>
ST: 28 nos. family; OBC: 493 nos. family
Nil</td></tr>
<tr><td>9.</td><td>Financial details
a) Project cost and year of price reference.
b) Allocations made for environmental management plans.
c) Actual expenditure incurred on the Project so far.
d) Actual expenditure incurred on the environmental management plans so far.</td><td>a) Rs. 2247.43 Crore- Completion Cost at Sunset Date.

b) Rs.24.19 Crore (excluding R&R)

c) Rs. 2338.03 Cr

d) Expenditure on EMPs is as below:<table>
<tr><th>S. No.</th><th>EMP</th><th>Funds allocated (₹ in Lakhs)</th><th>Expenditure incurred (₹ in Lakhs)</th></tr>
<tr><td>1.</td><td>Catchment Area treatment</td><td>1293.06</td><td>1437.32</td></tr>
<tr><td>2.</td><td>Biodiversity Conservation</td><td>26.94</td><td>50.00</td></tr>
<tr><td>3.</td><td>Fisheries Development</td><td>215.51</td><td>100.00</td></tr>
<tr><td>4.</td><td>Health Care</td><td>53.88</td><td>226.93*</td></tr>
</table></td></tr>
</table>

		<table><tr><td>5.</td><td>Energy Conservation</td><td>161.63</td><td>586.05*</td></tr><tr><td>6.</td><td>Muck Disposal</td><td>215.51</td><td>433.76*</td></tr><tr><td>7.</td><td>Restoration of borrow, construction areas</td><td>107.76</td><td>100.00*</td></tr><tr><td>8.</td><td>Green Belt Development</td><td>53.88</td><td>107.60</td></tr><tr><td>9.</td><td>Solid Waste Management</td><td>75.43</td><td>156.11*</td></tr><tr><td>10.</td><td>Environmental studies/ monitoring programme</td><td>107.76</td><td>261.90*</td></tr><tr><td>11.</td><td>Disaster Management Plan</td><td>107.76</td><td>0.00</td></tr><tr><td>12.</td><td>Resettlement & Rehabilitation</td><td>142.33</td><td>375.00</td></tr><tr><td colspan="2">Total</td><td>2561.45</td><td>3834.67</td></tr></table> ** Includes expenditure incurred by Major contractor.*
10.	Forest Land requirements a) Status of approval for diversion of forest land for non -forestry use. b) Status of clear felling in forest land	No forest land was required for the construction of the project. NOC in this regard has been issued by the State Government vide letter No. PCCF/FC/292/1514-17 dated 29.07.2003. Not Applicable.
11.	Status of construction a) Date of commencement (actual) b) Date of completion (actual)	September 2005 March 2014
12.	Reasons for the delay. If the project is yet to be started.	Nil
13.	Details of site visits a) By Monitoring Committee b) By Regional Office c) Visit of JKSPCB Officials	1st Multidisciplinary committee visit: 24-26th April 2007 2nd Multidisciplinary committee visit: 04 -06th May 2008 3rd Multidisciplinary committee visit: 29- 31st July 2009 4th Multidisciplinary committee visit: 30th May-01st June 2011. 5th Multidisciplinary committee visit: 10th Dec 2013. 6th Multidisciplinary committee visit: 28th Nov 2018. Jt. Director (S), RO, MoEF&CC, Chandigarh visited the project with EMC on 28.11.2018. District Pollution Control Board officials visited the Power Station in the month of June, 2022 for inspection.
14.	Brief note on the status of compliance of the conditions stipulated by MOEF	Refer **Annex -A**

Annex – A

Status of Compliance of conditions stipulated by MoEF, Govt. of India in Environment Clearance letter No.J-2011/14/2004-IA-I dated 13/8/2004 for the period ending March 2023.

Part A: Specific Conditions

S.No.	Specific Condition	Compliance Status
i	*Project Authorities shall implement the Biodiversity Conservation Plan through the State Authorities for which a sum of Rs.50.92 lakh has been earmarked. The Plan will suggest measures for in-situ conservation of floristic and faunastic diversity in two areas namely Boniyar Nalla sub-watershed and Salamabad sub-watershed.*	Biodiversity conservation plan was implemented through J&K State Government. An expenditure of Rs. 50.00 lakh was incurred under biodiversity Conservation Plan. Condition complied with.
ii	*A representative from the affected families shall be included in the project Environment Monitoring Committee.*	Environmental monitoring committee was constituted in 2006. Condition was complied with.
iii	*Catchment area treatment plan as has been proposed should be completed in 6 years. The treatment will include various biological and engineering measures.*	J&K Forest Dept. is the executing agency for CAT works. An amount of Rs.1112.87 lakh was earmarked for its implementation. Extension Plan of CAT Plan amounting to Rs.341.13 lakh has also been approved by MoEF&CC vide letter dated 14.07.2015. An amount of Rs.1437.32 lakh was released to J&K Forest Department for implementation of CAT plan. Utilization report for the fund released is awaited.

Part B: General Conditions

S.No.	General Condition	Compliance Status
iv	*Clearance of NCDSP of Central Water Commission should be obtained for earthquake parameters. Seismic stations shall be installed to record and monitor seismic forces before impounding and maintained and monitored during and after impounding.*	Condition was complied with. Clearance has been obtained from NCSDP of CWC for earthquake parameters. Accelerographs have been installed at Dam site and are working satisfactorily.
v	*Adequate free fuel arrangement should be made for labour force engaged in the construction work at project cost so that indiscriminate felling of trees in prevented*	Condition was complied with. Project has been commissioned. Further, project has distributed 475 free LPG connections to the land oustees under Energy Conservation Measures.
vi	*Fuel depot may be opened at site to provide the fuel (kerosene/LPG). Medical facilities as well as recreational facilities*	Condition was complied with. Project has been commissioned.

	should be provided to labourers.	
vii	*Restoration of construction area including dumping site of excavated materials should be ensured by leveling, filling up of borrow areas, landscaping etc. The area should be afforested by suitable plantation.*	The excavation works in the project are complete. Special care for disposal of muck was taken and it was ensured that muck is dumped at designated dumping sites and wire crates and gabion walls were provided for stabilization of slopes. An expenditure of Rs. 433.76 lakhs was incurred. Restoration works of dumping sites no. S-4 & S-5 is being done by State Forest Department and Rs. 167.50 Lakhs (including interest) was released for the same out of which utilization of Rs. 129.55 Lakhs has been received.
viii	*A multidisciplinary committee should be constituted with representative from various disciplines of forestry, ecology, wildlife, soil conservation, NGO etc. to oversee the effective implementation of suggested environmental safeguards.*	Condition was complied with. Multidisciplinary committee was constituted vide office order dated 06.05.2006.
ix	*Financial provision should be made in the total budget of the project for implementation of the above suggested safeguard measures.*	Condition was complied with. Necessary provision was kept in the DPR
x	*Six monthly progress report be submitted to the Ministry and its Integrated Regional Office for review.*	Condition is being complied with. Six monthly reports are being sent regularly to the MoEF&CC and its Integrated Regional Office.

Environmental & Other Safeguard Measures

1. **Resettlement & Rehabilitation:** The Govt. of J&K had accorded approval to R&R plan with financial implication of Rs.149 lakh and against which an amount of Rs.100 lakh was deposited with Collector Land Acquisition (CLA), out of which Rs. 80.08 Lacs was disbursed to 91 No. PAFs falling under houseless category as houseless grant (@ Rs. 80000) and transportation grant (@ Rs.8000). Due to increase in acquisition of private land, the number of PAFs is 521 nos. The list of land oustees whose 100%, more than 50% or less than 50% land has been acquired, and who are eligible to receive R&R grant was received from the Revenue authorities and payment for the same has been released. Based on the demand of Collector Land Acquisition, an amount of Rs. 3.74 Crore was deposited with the Collector and same was disbursed to Land Oustees as R&R Grant which also includes expenditure under Houseless Grant.

2. **Fisheries Development:** The project had disbursed Rs.100.00 lakh to Commissioner Secretary, Forests & Fisheries to start the plan. The project has handed over the land for the Fish farm to the Fisheries department and also provided a small house for

establishment of Office at the site. Utilization certification for Rs.90.70 lakhs has been received till date and utilization of balance Rs. 9.30 lakhs is still awaited from J & K Fisheries Department.

3. **Sewage & Solid waste disposal**: For sewage disposal, septic tanks with soak pits have been provided in all the colonies. Dustbins have been provided in colonies / camps, and for collection and safe disposal of solid wastes. Biomedical and food waste are disposed safely in separate pits constructed for this purpose. Sewage Treatment Plant (STP) of 5KLD capacity has been installed at power house.

4. **Green Belt Development:** The project had assigned the work of Rim Reservoir Treatment & Creation of Green belt around Reservoir to State Soil Conservation department. The department had submitted the revised proposal for tune of Rs.107.60 Lakh. The State Soil Conservation Department has completed the civil, plantation and fencing works and utilization certificate for Rs.101.88 lakh has been received.

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