



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE
CHANGE



एकीकृत क्षेत्रीय कार्यालय, जयपुर / Integrated Regional Office,
Jaipur

ए 218 & बी 216 "अरण्य भवन", झालाना संस्थानिक क्षेत्र, जयपुर - 302004 / A-218& B-216,
"ARANYA BHAWAN", Jhalana Institutional Area, Jaipur-302004
दूरभाष/Tel No: 0141-2713858, 2713786 Email: iro.jaipur-mefcc@gov.in

Dated: 22nd February, 2023

सेवामें,
वन महानिरीक्षक/ The Inspector General of Forests,
एफ.सी.अनुभाग/ F. C. Division,
इंदिरा पर्यावरण भवन/ Indira Parayavaran Bhawan,
जोर बाग रोड़/Jor Bagh Road.
अलीगंज Aliuganj, नई दिल्ली New Delhi.

(प्रस्ताव ऑनलाईन क्रमांक FP/RJ/Others/22621/2016)

विषय: Diversion of 100.05 ha of forest land in favour of NPCIL for Mahi
Banswara, Rajasthan Atomic Power Project (MBRAPP) -1 to 4 - reg.

संदर्भ: आपका पत्र क्रमांक F. No. 8-10/2022-FC dated 05.12.2022.

महोदय,

उपरोक्त विषय के संदर्भ में निवेदन है कि इस कार्यालय द्वारा प्रस्तावित क्षेत्र एवम् वैकल्पिक वृक्षारोपण क्षेत्र का स्थल निरीक्षण प्रतिवेदन संलग्न कर अग्रतर कार्यवाही के लिये प्रेषित है।

संलग्नक: उपरोक्तानुसार

भवनदीप,
22/02/2023

(श्रवण कुमार वर्मा)

उप वनमहानिरीक्षक एवं क्षेत्रीय अधिकारी

Site Inspection Report (SIR) for proposal of diversion of 100.05 ha forest land in favour of NPCIL for Mahi Banswara, Rajasthan Atomic Power Project (MBRAPP).

Proposal No: - FP/RJ/Others/22621/2016

User Agency: - NPCIL

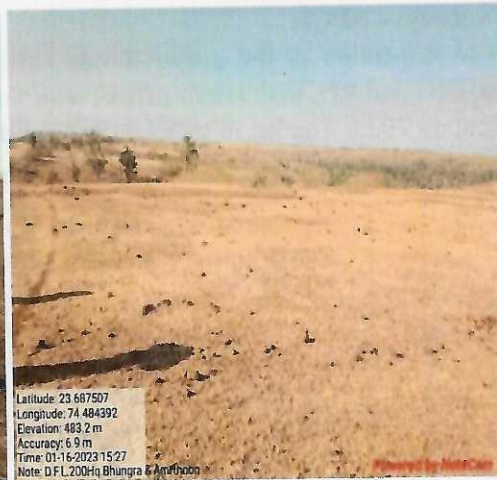
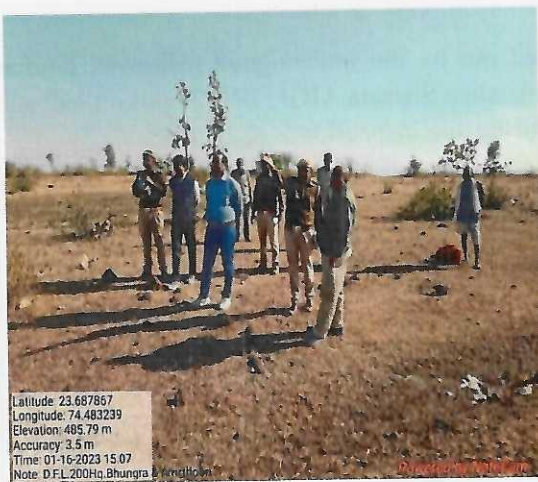
The Site inspection of the proposal was carried out by the undersigned (Shrawan Kumar Verma, DIG and RO, IRO Jaipur office) with Sudarshan Sharma AIGF, IRO Jaipur on 16th and 17th January 2023. The list of officials present during site inspection is as below:

Date	Officials Present	Districts Visited
16/01/2023	1. Jignesh Sharma DCF Banswara 2. Saroj Verma Chief Construction Engineer NPCIL 3. Preveen Sharma Representative of NTPC 4. Vishwendra Singh Range Office Ghatol. 5. Govind Singh Range Office Banswara 6. Tushar Singh Surveyor	Banswara

1. All the data as produced hereinafter is a convergence of perusal of available documents/Records and other pertinent discussion during site inspection and relevant data from Government sources.
2. The report of the site inspection is on prescribed Performa as per FCA guidelines.
3. Pictures of CA Area Proposed for DFL:



Shrawan Kumar Verma
22/02/2023



4. Short Narrative of the Project proposal with brief timeline of important events:
- Diversion of 100.05 ha of forest land in favour of NPCIL for Mahi Banswara, Rajasthan for Atomic Power Project (MBRAPP).
 - Proposal Uploaded by User agency – 02.12.2016
 - Proposal Received at MoEF&CC Delhi – 06.06.2022
 - Site Inspection Request to IRO Jaipur – 05.12.2022
5. Legal Status of the forest Land proposed for diversion: **Protected Forest**
6. Item wise breakup of the forest land proposed for diversion:

District	Forest Division	Forest Land (ha)	Non-Forest Land (ha)
Banswara	Banswara Territorial	100.05	502.67

Village wise Breakup			
S.No	Village	Forest Land (ha)	Non-Forest Land in Ha
1	Bari	33.58	194.28
2	Adibheet	3.58	148.91
3	Sajwania	28.29	33.19
4	Rel	5.91	93.14
5	Katumbi	10.83	27.41
6	Lalura	0.43	3.43
7	Wank	17.43	2.31
	Total	100.05	502.67

7. Whether proposal involves any construction of buildings (including residential) or not.
If yes, details thereof: **Yes**

S.No	Name of Structure	Forest Land (ha)	Non-Forest Land in Ha
1	Natural draft Cooling Tower	0	14.02
2	Operating Island	1.23	52.48
3	Exclusive Zone	72.58 (Maintained as green cover)	429.31
4	Pipeline Corridor	26.24	6.86
	Total	100.05	502.67

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8. Total Cost of Project at Present Rates:Rs. 2978200 Lacs
9. Wildlife: Leopard, Bluebull, Jackal and Peafowl etc.
10. Vegetation: The User Agency will be utilizing 27.47 ha forest land only for **site specific construction works** and will be keeping 72.58 ha forest land as Exclusive Zone (maintained as green cover). Total number of trees in the entire 100.05 ha forest land is **9725 trees out of which 4467 trees to be felled (2900 trees to be felled are in both corridors and 1567 trees to be felled are inside the main plant boundary)** for which details are given as:
- No of trees to be felled of girth **less than 60 cm**: 2498 (out of total trees 4852).
 - No of trees to be felled of girth **above 60 cm**: 1969 (Out of total trees 4873).
11. Compensatory Afforestation (CA): The Compensatory Afforestation is proposed at the following two sites in Banswara Division as:

S.No	District	Tehsil	Village	Range	Name of Plantation	Area (Ha)
1	Banswara	Ghatol	Ganeshpura & Naroto ki Goj	Ghatol	Ganeshpura & Naroto ki Goj	200.10
2	Banswara	Choti Sarwan	Tejpur	Banswara	Tejpur	86
Total						286.10

12. Whether land for compensatory afforestation is suitable for plantation and management point of view or not: **Yes** – The land is found to be suitable for carrying out the CA plantation after protection from grazing of cattle. There is already some plantation has been carried out earlier which are coming up well in similar site in the vicinity of proposed CA land. Out of total 286.10 ha proposed CA land at some places already having the trees and because of that the more DFL area is proposed for CA to accommodate the required number of plants.
13. Whether land for compensatory afforestation is free from encroachment/other encumbrances: **Yes**
14. Whether land for compensatory afforestation is important from religious/ archaeological point of view. **No**
15. Land identified for raising compensatory afforestation is in how many patches, whether patches are compact or not. **Total 2 Patches and these are compact.**
16. Total financial outlay:Rs. **4,61,60,118/-**
17. Whether proposal involves violation of Forest (Conservation) Act, 1980 or not. If yes, a detailed report on violation including action taken against the concerned officials- **No Violation by User Agency**
18. Whether proposal involves rehabilitation of displaced persons. If yes, whether rehabilitation plan has been prepared by the state Government or not- **Yes proposal Involves Rehabilitation of 10 tribal families who were given 2.416 ha land under FRA. The R&R Plan for same is prepared by State Government/User Agency of the amount Rs 1,38,75,910/- (Copy of plan is enclosed).**
19. **Cost benefit ratio:** Submitted Ratio is **12:1**
20. Recommendation of the Principal Chief Conservator of Forest/ State Government- **Recommended the proposal.**
21. **Utility of the project:** Following are the utility of the project as:
- Power Generation.
 - Employment Generation in the region.

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iii. Economic Development

22. Numbers of Scheduled Caste/Scheduled Tribes to be benefited by the project- **Regular Employment to 1700 persons.**
23. Whether land being diverted have any socio-cultural/religious value: **No**
24. Whether any sacred grove or very old growth trees/forests exist in the areas proposed for diversion- **No**
25. **Any other information relating to the project-** EDS Raised by MoEF&CC Head Office New Delhi Dated 05.12.2022

S.No.	Query Raised by MoEF&CC Head Office	Reply
1.	As per the DSS analysis through satellite imagery, it is observed that a part of forest land located under 'SARWAN DERI B Forest Block' has not been included in the instant diversion proposal. The map is given in Annexure for ready reference. The same is required to be examined and necessary action required to be taken accordingly.	As per reply of DCF in field visit the questionable area is revenue land (Private). That's why not included in proposal.
2.	The calculated degraded forest land for CA as per uploaded KML file is found to be 304 ha. instead of 286.10 ha. Thus, this variation needs to be re-checked and corrected KML file be uploaded on PARIVESH. The State shall also ensure that the area proposed for CA was not a part of the CA plantations of any other project.	Uploaded KML file also include area like deep Nalah etc will not be possible to use for CA plantation which are. DCF has been directed to upload corrected KML file. There was no new plantation seen in proposed CA area during field visit.
3.	The State was asked to submit the details of alternative sites which have been explored /examined for the execution of the project. However, the same have not been provided. The State has also not given any justification for locating the project in the proposed forest area.	Related to User agency and State. However, during field visit representative of user agency informed that this is a strategic project for generation of clean energy. The proximity of the proposal has to be near the water body where water is available through out the year.
4.	The presence of settlements & Agriculture land on the area proposed for diversion was observed in DSS analysis. The State has not given any justification for the same.	During field visit presence of settlements and agriculture lands was founds. DCF Banswara informed that people were allotted forest land under FRA Act. User agency informed that they have initiated rehabilitation program for these people.
5.	The copy of the approved R&R plan has not been submitted, which is required is to be done.	The R&R Plan for rehabilitation of 10 tribal families is prepared by State

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		Government/User Agency for amount Rs 1,38,75,910/-
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26. **Recommendations of the site inspecting officer:** Based on the above facts the proposal is recommended with following conditions:

- i. No Non-Site-Specific activities will be carried out by the User Agency on forest land.
- ii. User Agency will fell minimum number of trees from the forest area.
- iii. User Agency will not allow any direct discharge from the project site to the Dam water.
- iv. Ghatol DFL site is situated on plateau, which is good grass land having heavy biotic pressure. It is therefore recommended that the area should be properly fenced and plantation should be done after carrying out proper soil-moisture conservation (SMC) works.


(श्रवण कुमार वर्मा)

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