

GOVT. OF ASSAM
OFFICE OF THE DIVISIONAL FOREST OFFICER:.....WILDLIFE DIVISION:::KOKRAJHAR

No. A/WLK/NBWL/NTPC Bg./ 16-17

Dated, Kokrajhar 6th January/2016

To,

✓ **The Principal Chief Conservator of Forests, Wildlife,
&
Chief Wildlife Warden, Assam, Basistha, Guwahati-29**

Sub :-Regarding clearance under NBWL in respect of NTPC Bongaigaon Thermal Power Project, Salakati.

Ref :- Letter No. Nil Dtd. 31.12.2015 of U.Chakrabarti, Group General Manager, NTPC, Bongaigaon.

Sir,

With reference to above, I have the honour to submit herewith the PART-III dully filled up from this end as required for obtaining clearance from NBWL along with PART-I & II, Maps etc. and other documents submitted by the Group General Manager, NTPC Bongaigaon vide his letter No. Nil Dtd. 31.12.2015 as stated above under reference in triplicate for favour of your kind perusal and needful action.

Enclo :- As stated above.

Yours faithfully


(R.N.BORO, DCF)
Divisional Forest Officer
Wildlife Division, Kokrajhar

Copy to the Addl. Principal Chief Conservator of Forests & CHD, Forests, BTC, Kokrajhar for favour of his kind information.

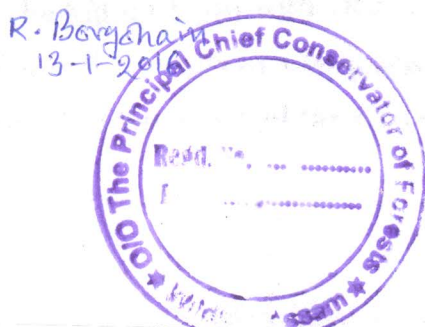
Divisional Forest Officer
Wildlife Division, Kokrajhar

Memo No. B/WLK/NBWL/NTPC Bg./

Dated, Kokrajhar, the 6th January/2016

Copy to U. Chakrabarti, Group General Manager, NTPC, Bongaigaon(Salakati), PO-Salakati Dist.-Kokrajhar, BTAD, Assam for favour of his kind information and necessary action.

Divisional Forest Officer
Wildlife Division, Kokrajhar



PART III

(To be completed by the Officer – in Charge of the National Park/Sanctuary completed and submitted to the Chief Wild Life Warden or officer authorized by him in this behalf within 30 days of the receipt of PART – II)

1. Date of receipt of the PART – II : **afternoon**

2. Total Area (Ha.) of national parks/sanctuary : **Total Area of Chakrashila Wildlife Sanctuary is 45.58 Sq. KM but the ongoing/under construction of NTPC BgTPP project (Main Plant with Offsite area & township) including Ash disposal Site /Ash Dyke Site at Chokchoka, near Gaurangtari village, does not fall within the Chakrashila Wildlife Sanctuary. Main Plant with Offsite area & township at Salakati near Kumguri village and Ash disposal area/site at Chokchoka near Gaurangtari village are both 7.00 KM away from the northern boundary of PA i.e. Chakrasgila Wildlife Sanctuary.**

3. Total Area (Ha.) diverted from the NP/WLS so far for development purposes : **NIL.**

4. List the past projects and the area (Ha.) diverted-

Name of project	Area Diverted	Year of Diversion
Nil	Nil	Nil

5. Positive impact (s) due to the diversion of area for the projects referred to in column 4

Above : **Does not arise.**

Name of project(s)	Positive impact	Scientific Basis of Assessment
Does not arise	Does not arise	Does not arise

(Attach separate sheer, if required)

6. Negative impact/s due to the diversion of area for the projects referred to in column 4 above

Name of project(s)	Positive impact	Scientific Basis of Assessment
Does not arise	Does not arise	Does not arise

(Attach separate sheer, if required)

7. Management Plan Period : **Part-I & Part-II 2011-2016**

Attach copy of the Management Plan/ Management Scheme/Recommendation of Chief Wildlife Warden :- **Copy attached.**

8. List Management actions taken/proposed to be taken in the whole Block/Zone in which proposed area is located : **Proposed Project area does not fall within Chakrashila Wildlife Sanctuary. The Main Plant with Offsite area & township at Salakati near Kumguri village and Ash Disposal area/site at Chokchoka near Gaurangtari village, both are 7.00 KM away from the northern boundary of the PA i.e. Chakrashila Wildlife Sanctuary.**

9. Type of forest in which the proposed area falls : **Proposed Project area does not fall within PA i.e. Chakrashila Wildlife Sanctuary as stated already under column No. 8 above.**

10. Location of the proposed area/w.r.t. the critical/intensive wildlife management area/wildlife habitats (attach Map to scale) : **Location of proposed project area does not fall within the PA i.e. Chakrashila Wildlife Sanctuary. Hence location of proposed project area w.r.t. the critical/intensive management area/wildlife habitats does not arise.**

11. List the likely POSITIVE AND NEGATIVE impact./s of the proposed project giving scientific and technical justification for each impact : **Does not arise since proposed project area does not fall within the PA i.e. Chakrashila Wildlife Sanctuary.**

12. Provide COMPREHENSIVE details of the impact of the proposal in terms of Sections 29 and / or section 35 (6) of the Wild Life (Protection) Act, 1972 as the case may be: **Does not arise.**

13. Whether the project authorities have ever committed violation of the Wild Life (Protection) Act, 1972 or Forest Conservation Act, 1980. If yes, provide the EXHAUSTIVE details of the offence and the present status of the case (Concealing or misrepresenting the facts will lead to rejection of the case in addition to any other penalty as prescribed under Law) : **Does not arise w.r.t. Chakrashila Wildlife Sanctuary.**

(Concealing or misrepresenting the facts will lead to rejection of the case in addition to any other penalty as prescribed under Law)

14. Have you examined the Project Appraisal document and the alternatives as provided in PART – II ? : **Yes.**

15. Have you examined the Bio diversity Impact Assessment Report? : **Does not arise.**

16. If yes, Please give your comments on the recommendations given in the report? : **Does not arise.**

17. Dates and duration of your field visits to the proposed site : **Visited on 24.11.2015 along with the departmental staff and Mr. A. K. Hom, Addl. General Manager (S), representing NTPC Ltd, from 1.00 PM to 5.00 PM. The same team again visited on 30.12.2015 from 11.00 AM to 3.00 PM**

18. Do you agree that the present proposal of diversion of NP/WLS area is the best or the only option and is viable : **The present proposal of project does not fall within the Chakrashila Wildlife Sanctuary.**

19. Any other information that you would like to bring to the notice of the state Board for Wildlife, National Board for wildlife or its standing Committee that may be relevant and assist in decision making : **The Draft Proposal of Chakrashila Eco-Sensitive Zone has already been**

submitted with proposal of 3.00 KM radius all around the PA. The present project location area i.e. Main Plant with Offsite area & township and Ash Dyke site lie 7.00 KM away from the northern boundary of the PA i.e. Chakrashila Wildlife Sanctuary. However, the notification of declaring Chakrashila Eco-Sensitive Zone is not yet come out from the Government.

20. Do you recommend the project?(Please provide full justification to support your recommendations : Yes. The ongoing/under construction NTPC Bg TPP project is meant for production of electricity power to meet the power hungry state and development of districts in lower Assam. The proposed project also does not fall within PA i.e. Chakrashila Wildlife Sanctuary. Although, the area of Chakrashila Eco-sensitive Zone is supposed to be 10.00 KM around the PA, but due to practical difficulties, situation and demand of various NGOs, local public, Organizations etc. it has been proposed to be 3.00 KM radius around the Chakrashila Wildlife Sanctuary. There PA is mainly dedicated to Golden Langur (*Trachypithecus geei*), a Schedule-I animal under Wildlife (Protection) Act, 1972 and as amended time o time. However, other important flora and fauna also exist in the PA. There is no wild elephant population in Chakrashila Wildlife Sanctuary as well as in the near RF/PRFs like Nadangiri Hill RF, Buxamara RF, Phukagaon RF, Satbhendi RF, Amguri PRF Pt-I & II, Nayekgaon PRF Pt-I & II etc. The Area also not an elephant corridor.

The project is also expected to provide the following direct and indirect benefits-

- (i) Source of direct and indirect employment to the local people through Agency Contractors working for NTPC as skilled labours, semi-skilled labours, operators etc.
- (ii) NTPC would also employ the local people for various jobs from which other people will also get economic benefits.
- (iii) The project also expected to provide educational opportunities-like technical skills like ITI through Academic Industry-interfacing. It will also be a source of educational opportunities to the schools/colleges/students to enhance their knowledge level regarding various activities of power plant, industrial management etc.
- (iv) Besides above, other social welfare activities like maintenance activities in plant to provide necessary livelihood, women empowerment, skill development in different areas of livelihood activities, activities through NGOs, organizing medical camps for treatment, awareness campaign, promoting sports activities, scholarships and other material helps to local educational institutions etc.

However, the project in-spite of taking all environmental precautions to check/control/minimize pollution, the pollution to certain extent cannot be ruled out in total. Hence the project is recommended for approval for enabling the NTPC Bg TPP Ltd. To execute is complete subject to the following conditions of mitigation measures to be taken and all the financial expenditures/costs would be born or responsibility taken by NTPC Bg TPP Ltd., Salakati as per Plan & Estimates to be submitted as and when required after approval of the State Board of Wildlife (SBWL) & National Board of Wildlife (NBWL)

Mitigation Measures proposed :-

Sl. No.	Mitigation measures proposed	Unit/Area	Remarks
1	Planting of trees /fruit & evergreen species inside and outside and surrounding Ash Dyke Embankment at Chokchoka with proper protection and maintenance works as per norm	1,00,000 plants (40.00 Ha.)	Estimate to be submitted as and when required. The works may be executed by Forest Department or by NTPC Bg TPP Ltd. In 2 years period.
2	Planting of trees in nearby villages, along roadsides, vacant places, school compounds etc. wherever possible with proper protection and maintenance works as per norm.	1,00,000 plants (40.00 Ha.)	Estimate to be submitted as and when required. The works may be to by Social Forestry Division, Kokrajhar or NTPC Bg TPP Ltd. In 2 years period.
3	Planting/afforestation in degraded forest areas of Nadangiri FR, Buxamara RF, Phukagaon RF, Amguri PRF Pt-I &II, Nayekgaon PRF Pt-I &II with proper protection and maintenance works as per norm.	15,00,000 plants (600.00 Ha.)	Nadangir RF- 400.00 Ha. Other RF/PRF- 200.00 Ha. Estimate to be submitted as and when required. The works to be executed by Haltugaon Division, Kokrajhar in 2-3 years period.
4	Planting of fruit species/ food plants of Primate species in degraded/available areas under in Chakrashila Wildlife Sanctuary with proper protection and maintenance works as per norm.	5,00,000 plants (200.00Ha.)	Estimate to be submitted as and when required. The works to be executed by Wildlife Division, Kokrajhar in 2 years period.
5	Planting/raising of plantations in other	5,00,000 Plants	Estimate to be submitted as

	areas like roadside, available vacant areas, etc. under Kokrajhar Sub-Division around Salakati-Kokrajhar .	(200.0 Ha.)	and when required. The works to be executed by Social Forestry Division, Kokrajhar.
6	Planting of trees/avenue planting/shelter belt in and around NTPC Plant as well as Offsite vacant areas of Main Plant at Salakati with proper protection and maintenance measures.	5,00,000 Plants	To be executed by NTPC Ltd. With the help of Forest Department.
7	<p>Raising of nurseries under following Divisions with maintenance as per norms to meet the requirement of seedlings for above plantations.</p> <p>Haltugaon Division -3.00 Ha. Social Forestry Division -1.00 Ha. Wildlife Division -1.00 Ha.</p>	5.00 Ha.	Estimate to be submitted as per norm. Each nursery will raise seedlings to meet the planting requirements.
8	<p>NTPC Ltd will provide the following deposit works, vehicle and materials/computers etc. to Wildlife Division, Kokrajhar.</p> <ol style="list-style-type: none"> Office Building at Kokrajhar as extension with 6 rooms. Computer sets with all necessary accessories and printers. Nikon cameras Vehicle-for Govt. and departmental works –Bolero-SLX model. Bolero Camper GPS sets with accessories Repairing and renovations work of Beats/Forest Camps etc. in field under Chakrashila Wildlife 	<p>1 no</p> <p>4 sets</p> <p>4 nos</p> <p>1 no.</p> <p>2 nos.</p> <p>4 sets</p>	Plan & Estimates/Estimates etc. to be submitted as and when required.

	Sanctuary including drinking water facilities, toilets etc.	10 nos	
	8. One good Rest House/IB with Interpretation cum Meeting Hall at Charaikhola.	1 no.	
	9. Improvement of Wildlife Rescue Centre at Choraikhola & allied infrastructures.	1 no.	
9	NTPC Ltd. will provide assistance to Daokharaja NGO which is assisting Wildlife Division, Kokrajhar in protection of Chakrashiala Wildlife Sanctuary with construction of one NGO Camp (Barrack cum Office, furniture, Toilet blocks, Boundary Fencing/wall around Barrack, Drinking Water facility , lighting provisions etc.) at Bashbari area.	1 no.	-do-
10	NTPC Ltd. Will assist in Eco-development works in all villages covered under 15 Eco-Development Committees around Chakrashiala Wildlife Sanctuary for the development of the villages		

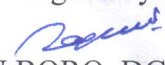
The execution of proposed mitigation measures will be subject to monitoring and guidance by a High Level Monitoring Committee constituted under the Chairmanship of the Addl. PCCF & CHD, Forests, BTC, Kokrajhar and involving members from Civil Administration, Police, DFO,, local NGOs, Local Social Organizations, Environment & Pollution Control Deptt., Representative of NTPC Ltd. And any other members deemed required in the Monitoring Committee.

It is expected that, the proposed project of NTPC Bg. TPPP, Salakati with its Ash Disposal Area will not have as such adverse impact on Chakrashila Wildlife Sanctuary and

its wildlife habitat as well as the existing flora and fauna if above mitigation measures are taken up.

Hence, the proposed project is recommended to be considered favourably for enabling the NTPC Bg. TPP authority to execute in reality and complete to provide the benefits already mentioned subject to fulfillment of above mitigation measures proposed.

Signed by

 6/1/2016
(R.N.BORO, DCF)

Divisional Forest Officer
Wildlife Division, Kokrajhar
Officer In Charge of the NP/WLS
Official Seal

Date of submission to the Chief Wild Life Warden or any other officer authorized by him in this regard :-

Annexure-A

Opinion of the in-Charge of the National Parks/Wildlife Sanctuaries

The Bongaigaon Thermal Power Station(BTPS) was the biggest power plant situated at Salakati in the district of Kokrajhar, Assam for producing electrical power consisted with four coal fired units of 60 MW each. But the power producing units could not deliver the required level of generation of power in the last 20 years for which the station was shut down.

To revive the plant, the alternative was NTPC's proposal to set up a new 750 MW (3X250MW) Thermal Power Station at the same location by NTPC Ltd. The project foundation was laid down by the then Hon'ble Prime Minister of India Dr. Manmohan Singh in December, 2006. The area of main Plant with Offsite & township is 684.00 acres (273.60 Ha.) and Ash Disposal area is 210.00 acres (84.00 Ha.)

Although, the area of Chakrashila Eco-sensitive Zone is supposed to be 10.00 KM around the PA, but due to practical difficulties, situation and demand of various NGOs, local public, Organizations etc. it has been proposed to be 3.00 KM radius around the Chakrashila Wildlife Sanctuary. The NTPC project site(s) i.e. Main Plant & Offsite area with township and Ash disposal area do not fall within PA area i.e. Chakrashila Wildlife Sanctuary. Both the sites are 7.00 KM away from the PA boundary i.e. Chakrashila Wildlife Sanctuary. There is no wild elephant population in Chakrashila Wildlife Sanctaury as well as in Reserve Forests and Proposed Reserve Forests nearby under Haltugaon Division. The area is also no an elephant corridor. The Chakrashila Wildlife Sanctuary is mainly designated to Golden Langur (*Thrachypithecus geei*) the endemic primate and Schedule-I animal found only in this area of lower Assam right from river Sankoch in the west to Manas NP in the east including Bhutan along Indo-Bhutan international border. However, other important flora and fauna also found in Chakrashila Wildlife Sanctuary.

It is expected that the NTPC's new Thermal Power Plant will be able to provide power to meet the great increase of demand not only in BTAD and lower Assam area but in the whole state of Assam. The power generated will reduce the gap of demand and supply.

The project is also expected to provide the following direct and indirect benefits-

- (v) Source of direct and indirect employment to the local people through Agency Contractors working for NTPC as skilled labours, semi-skilled labours, operators etc.
- (vi) NTPC would also employ the local people for various jobs from which other people will also get economic benefits.
- (vii) The project also expected to provide educational opportunities-like technical skills like ITI through Academic Industry-interfacing. It will also be a source of educational opportunities to the schools/colleges/students to enhance their knowledge level regarding various activities of power plant, industrial management etc.
- (viii) Besides above, other social welfare activities like maintenance activities in plant to provide necessary livelihood, women empowerment, skill development in different areas of livelihood activities, activities through NGOs, organizing medical camps for treatment, awareness campaign, promoting sports activities, scholarships and other material helps to local educational institutions etc.

However, the project in-spite of taking all environmental precautions to check/control/minimize pollution, the pollution to certain extent cannot be ruled out in total. Hence to execute the project in complete, it will be subject to the conditions of mitigation measures to be taken and the financial expenditures/costs would be born or responsibility taken by NTPC Bg. TPP Ltd., Salakati as laid down under Column 20 of PART-III which is replicated again as below.

Mitigation Measures proposed :-

Sl. No.	Mitigation measures proposed	Unit/Area	Remarks
1	Planting of trees /fruit & evergreen species inside and outside and surrounding Ash Dyke Embankment at Chokchoka with proper protection and maintenance works as per norm	1,00,000 plants (40.00 Ha.)	Estimate to be submitted as and when required. The works may be executed by Forest Department or by NTPC Bg TPP Ltd. In 2 years period.
2	Planting of trees in nearby villages, along roadsides, vacant places, school compounds etc. wherever possible with proper protection and maintenance works as per norm.	1,00,000 plants (40.00 Ha.)	Estimate to be submitted as and when required. The works may be to by Social Forestry Division, Kokrajhar or NTPC Bg TPP Ltd. In 2 years period.
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4	Planting of fruit species/ food plants of Primate species in degraded/available areas under in Chakrashila Wildlife Sanctuary with proper protection and maintenance works as per norm.	5,00,000 plants (200.00Ha.)	Estimate to be submitted as and when required. The works to be executed by Wildlife Division, Kokrajhar in 2 years period.
5	Planting/raising of plantations in other areas like roadside, available vacant areas, etc. under Kokrajhar Sub-Division around Salakati-Kokrajhar .	5,00,000 Plants (200.0 Ha.)	Estimate to be submitted as and when required. The works to be executed by Social Forestry Division, Kokrajhar.
6	Planting of trees/avenue planting/shelter belt in and around NTPC Plant as well as Offsite vacant areas of Main Plant at Salakati with proper protection and maintenance measures.	5,00,000 Plants	To be executed by NTPC Ltd. With the help of Forest Department.
7	Raising of nurseries under following Divisions with maintenance as per norms to meet the requirement of seedlings for above plantations. Haltugaon Division -3.00 Ha. Social Forestry Division -1.00 Ha. Wildlife Division -1.00 Ha.	5.00 Ha.	Estimate to be submitted as per norm. Each nursery will raise seedlings to meet the planting requirements.
8	NTPC Ltd will provide the following deposit works, vehicle and		

	<p>materials/computers etc. to Wildlife Division, Kokrajhar.</p> <ol style="list-style-type: none"> Office Building at Kokrajhar as extension with 6 rooms. Computer sets with all necessary accessories and printers. Nikon cameras Vehicle-for Govt. and departmental works –Bolero-SLX model. Boler Camper GPS sets Repairing and renovations work of Beats/Forest Camps etc. in field under Chakrashila Wildlife Sanctuary. One good Rest House/IB with Interpretation cum Meeting Hall at Chorakhola. Improvement of Wildlife Rescue Centre of WTI (Mobile Veterinary Service) at Choraikhola & allied infrastructures. 	<p>1 no</p> <p>4 sets</p> <p>4 nos</p> <p>1 no.</p> <p>2 nos</p> <p>4 sets</p> <p>10 nos</p> <p>1 no</p> <p>1 no</p>	<p>Plan & Estimates/Estimates etc. to be submitted as and when required.</p>
9	<p>NTPC Ltd. Will provide assistance to Daokharaja NGO which is assisting Wildlife Division, Kokrajhar in protection of Chakrashila Wildlife Sanctuary with construction of one NGO camp (Barrack cum Office, furniture, Toilet Blocks, Boundary Fencing/wall around Barrack, drinking water facility, lighting provisions etc.) at Bashabari area.</p>	<p>1 no.</p>	<p>-do-</p>
10	<p>NTPC Ltd. Will assist in Eco-Development works in all villages covered under 15 Eco-Development Committees around Chakrashila wildlife Sanctuary for the Socio-economic development of the villages.</p>		

The execution of proposed mitigation measures will be subject to monitoring and guidance by a High Level Monitoring Committee constituted under the Chairmanship of the Addl. PCCF & CHD, Forests, BTC, Kokrajhar and involving members from Civil Administration, Police, DFO,, local NGOs, Local

Social Organizations, Environment & Pollution Control Deptt., Representative of NTPC Ltd. And any other members deemed required in the Monitoring Committee.

It is expected that, the proposed project of NTPC Bg TPPP, Salakati with its Ash Disposal area will not have as such adverse impact on Chakrashila Wildlife Sanctuary and its wildlife habitat as well as the existing flora and fauna if above mitigation measures are taken up.

Hence, the proposed project is recommended to be considered favourably for enabling the NTPC Bg. TPP authority to execute in reality and complete to provide the benefits already mentioned subject to fulfillment of mitigation measures proposed under column 20 of PART-III and above.

Signed by

Rajendra 6/1/2016
(R.N.BORO, DCF)

Divisional Forest Officer
Wildlife Division, Kokrajhar