



एनटीपीसी लिमिटेड

(एनटीपीसी लिमिटेड)

NTPC Limited

(A Government of India Enterprise)

सिमहाद्री / Simhadri

Ref: SIMHADRI/EMG/

Date: 30.06.2018

To
A.P. Pollution Control Board,
Regional Office,
Plot No.14, Flat No.103 & 104, Journalist Colony,
Marripalem VUDA Colony, Opp: Spencers,
Visakhapatnam - 530009

Dear Sir,


Sub: Submission of "Half yearly Environmental Report- Reg.

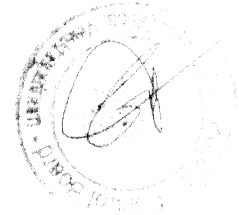
Ref: 1) Ref: Consent order No.APPCB/VSP/12334/HO/CFO/2017

Please find herewith enclosed copies of the following compliance report of NTPC-Simhadri super thermal power project, Visakhapatnam for the period from Oct 17 to March 2018

1. Compliance of CFO &HWA conditions.
2. Online monitoring systems Yearly Report.

Thanking you,
Yours Faithfully


Dr. V. Jayan
AGM (EMG & AU)



सिमहाद्री सुपर थर्मल पावर प्रोजेक्ट, पोस्ट एनटीपीसी-सिमहाद्री - 530 009, विभाग - विशाखपट्टणम (अ.प्र.)
NTPC Super Thermal Power Project Post, NTPC Simhadri - 531 009, Dist. - Visakhapatnam (A.P.)
Phone No. : 08824-243858 / Fax No. : 08824-243858

संलग्न कागदालय एन टी पी सी भवन, स्पोर्ट्स कॉम्प्लेक्स 7, इन्सिस्टेंसुमल्ल मार्ग, जॉर्ज रोड, नई दिल्ली - 110002
दूरभाष : 011-26369100, फ़ैक्स : 011-26369101, वेबसाइट : www.ntpc.co.in

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NTPC Limited, NTPC Building, NTPC Road, New Delhi - 110002

**COMPLIANCE STATUS
OF
ENVIRONMENTAL CLEARANCE
FOR
COASTAL REGULATION ZONE AREA**

**NTPC Limited
SIMHADRI SUPER THERMAL POWER STATION**

**ENVIRONMENT MANAGEMENT GROUP
NTPC-SIMHADRI (PO)
PIN: 531 020
Andhra Pradesh**

March 2018

NTPC - SIMHADRI SUPER THERMAL POWER STATION

COMPLIANCE STATUS OF 'ENVIRONMENTAL CLEARANCE FOR INTAKE AND OUTFALL FACILITY IN THE COASTAL REGULATION ZONE AREA FOR SIMHADRI TPP (MOEF LETTER DATED 25TH June, 2008.

SL. NO.	CONDITIONS STIPULATED	Status of Implementation as on 31.03.2018
(A)	Specific Conditions:	
(i)	All the conditions stipulated by the Andhra Pradesh State Pollution Control Board vide Order No. 20/PCB/CFE/RO-VSP/HO/2007/1478 dated 1.10.2007 shall be strictly complied with.	Compliance to CFE-Stage-II is attached.
(ii)	The project shall be implemented in such a manner that there is no damage whatsoever to the mangroves / other sensitive coastal ecosystems. If any damage to mangroves is anticipated / envisaged as a result of project activities then the clearance shall stand cancelled and the proponents shall seek fresh approval from the Ministry.	Complied.
(iii)	The project proponent shall implement all the measures that have been proposed by them in the clarification letter dated 9.6.2008 provided to the Ministry.	The measures proposed for stage-II of the project are implemented.
(iv)	The effluent to be disposed of shall meet the standards prescribed by Andhra Pradesh Pollution control Board.	All the effluents generated from stage-II are treated in the treatment plants at the respective point of origin and treated effluents are monitored before letting out through single point discharge, ie. Marine Outfall. The treated effluents are well within statutory standards.
(v)	The pipelines both intake and outlet shall not cause any hindrance to the movement of the local communities including the fishermen.	There is no hindrance to the movement of local community due to intake and discharge pipeline of the project as the pipelines are buried in the CRZ area.
(vi)	A continuous and comprehensive post-project marine quality monitoring programme shall be taken up. This shall include monitoring of water quality, sediment quality and biological characteristics covered in the EIA studies.	A study on Marine Ecology through National Institute of Oceanography was carried out and the recommendations are being implemented.
(vii)	It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project.	There is no displacement of people, houses and any fishing activity due to project.
(viii)	It shall be ensured that due to the project, there is no adverse impact on the drainage of the area and recharge of groundwater. No groundwater shall be tapped in the project	There is no adverse impact on the drainage of the area. No ground water is being tapped in the project.

	area falling in Coastal Regulation Zone.	
(ix)	The camps of labour shall be kept outside the Coastal Regulation Zone area. Proper arrangements for cooking fuel shall be made for the labour during construction phase so as to ensure that mangroves are not cut / destroyed for this purpose.	Complied.
(x)	There shall be display boards at critical locations along the pipeline viz., road / rail / river crossings giving emergency instructions. This will ensure prompt information regarding location of accident during any emergency. Emergency Information Board shall contain emergency instructions in addition to contact details. Proper lighting shall be provided all along the road.	Complied.
xi.	The project activities shall not disturb the movement of fishing vessels or fishermen.	Complied.
xii.	It shall be ensured that during construction and post construction of the proposed jetty the movement of fishermen vessels of the local communities are not interfered with.	Complied.
xiii.	Relocation of the fishermen community, if any, shall be done strictly in accordance with the norms prescribed by the State Government. The relocated fishermen community shall be provided with all facilities including health care, education, sanitation and livelihood.	There is no displacement of fishermen community.
xiv.	Marine ecology monitoring shall be done regularly and report submitted every 6 month to Ministry's Regional Office at Bangalore.	Being complied.
xv.	Regular monitoring of air quality shall be done in the settlement areas around the project site and appropriate safeguard measures shall be taken to ensure that the population is not subjected to higher levels of air pollution.	Being complied.
xvi	Project proponent shall regularly update the Disaster Management Plan from time to time.	The Disaster Management Plan has been prepared for the project and is being updated at regular intervals.
xviii.	Specific arrangements for rain water harvesting shall be made in the project design and the rain water so harvested shall be optimally utilized. Details in this regard shall be furnished to this Ministry's Regional Office at Bangalore within 3 months.	Rain Water Harvesting structures like recharge well, Contour Built Filters with check dams and Rain Water Harvesting Pond is created in Simhadri Plant and Township areas as suggested by Central Ground Water Board. They have suggested to monitoring ground water levels and quality at regular intervals which is being complied with religiously.
Xix	The facilities to be constructed in the CRZ area as part of this project shall be strictly in conformity with the provisions of the CRZ Notification, 1991 as amended subsequently.	Complied.
xx.	No land reclamation shall be carried out only	No land has been reclaimed.

	to the extent that it is essential for this project.	
xxi	Green buffer zone shall be provided all around the project area in consultation with local forest department and the report submitted to this Ministry's Regional Office at Bangalore.	Greenbelt around project site has been developed. NTPC has raised a total plantation of approximately 6 lakh trees inside the plant. Green Buffer Zone exists near CHP.
B.	GENERAL CONDITIONS:	
i.	Construction of the proposed structures shall be undertaken meticulously confirming to the existing Central / local rules and regulations. All the construction designs / drawings relating to the proposed construction activities must have approvals of the concerned State Government Department / Agencies.	Being complied.
ii.	The project authorities shall take appropriate community development and welfare measures for the villagers in the vicinity of the project site, including drinking water facilities. A separate fund shall be allocated for this purpose.	NTPC has undertaken community development activities in the surrounding villages. Facilities like approach road to villages, drinking water, school building, hospital etc for the people of the villagers have been undertaken. Separate fund has been allocated for Community Development Programme under Corporate Social Responsibility.
iii.	To meet any emergency situation, appropriate fire fighting system shall be installed. Appropriate arrangements for uninterrupted power supply to the environment protection equipment and continuous water supply for the fire fighting system shall be made.	Complied.
iv.	A separate Environment Management Cell with suitably qualified staff to carry out various environment related functions shall be set under the charge of a Senior Executive who will report directly to the Chief Executive of the Company.	An Environment Management Group (EMG) has been set up at Simhadri TPP. Additional General Manager, who reports directly to the head of the station is in charge of EMG. EMG has sufficient trained manpower for environmental monitoring and other environmental related activities to ensure compliance with statutory requirements. It interacts regularly with the State Pollution Control Board. The Environmental laboratory at Simhadri STPP is adequately equipped for monitoring of ambient air quality, stack emission water/effluent quality, etc.
v.	The funds earmarked for environment protection measures shall be maintained in a separate account and there shall be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards shall be reported to this Ministry's Regional Office at Bangalore.	The requisite funds Rs.629crores for environmental mitigation measures have been included in the project cost. Financial provision stipulated towards environmental mitigate measures is not diverted for other purposes.
vi.	Full support shall be extended to the officers of this Ministry's Regional Office at Bangalore and the officers of the Central and	Full cooperation is being extended to the Scientists / officers from the Ministry / Regional Office of the Ministry at Chennai

	State Pollution Control Board by the project proponents during their inspection for monitoring purposes by furnishing full details and action plans including the action taken reports in respect of mitigate measure and other environmental protection activities.	and Bangalore the CPCB / the SPCB during monitoring of the project.
vii.	In case of deviation or alteration in the project including the implementing agency, a fresh reference shall be made to this Ministry for modification in the clearance conditions or imposition of new one for ensuring environmental protection. The project proponents shall be responsible for implementing the suggested safeguard measures.	Noted.
viii.	This Ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry.	Noted.
ix.	This Ministry or any other Competent Authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.	Noted.
x.	A copy of the clearance letter shall be marked to the concerned Panchayat / local NGO, if any, from whom any suggestion / representation has been received while processing the proposal.	Noted.
xi.	State Pollution Control Board / Committee shall display a copy of the clearance letter at the District Industries Center and collector's Office/Tehsildar's Office for 30 days.	Noted.
xii.	The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Andhra Pradesh State Pollution Control Board and may also be seen at website of the Ministry of Environment & Forests at http://www.envfor.nic.in .	The information of Coastal Regulation Zone Clearance was published in three news papers on 17.07.2008. 1. PRAJA SHAKATI ON 17.07.2008. 2. ANDHRA BHOOMI ON 17.07.2008. 3. DECCAN CHRONICLE ON 17.07.2008.
xiii.	The project proponents shall inform Regional Office, Bangalore as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of work.	Investment approval for the project is March, 2007. The date of start of construction work is August, 2007.
xiv.	The project proponent will obtain the Forest	No forest land is involved.

	clearance for the land passing through the Reserved Forest area before commencement of the project activities in forest area.	
xv.	So as to maintain ecological features and avoid damage to the ecosystem, movement of vehicles in the Inter Tidal Zone shall be restricted to the minimum.	Being complied.
xvi.	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.	Noted.

(END)