



NTPC/KGN/EMG/EC-MOEF&CC/2019

Khargone
Date: 22.04.2019

To
The Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (WZ),
Kendriya Paryavaran Bhawan,
E-5 Arera Colony, Link Road-3,
Ravishankar Nagar,
Bhopal-462016, Madhya Pradesh

Sub: Submission of 8th Half Yearly Environmental Clearance Compliance Report of Khargone Super Thermal Power Project (2 x660 MW) at Village Selda & Dalchi, Khargone, Madhya Pradesh by NTPC Ltd.

EC Ref: J-13012/54/2010-1A.II(T), Dated-31.03.2015

Sir,

With reference to the above mentioned subject we are submitting the half yearly compliance report to stipulated conditions of Environmental Clearance in soft (email id- rowz.bpl-mef@nic.in) & hard copy for the period (**Oct '2018 - Mar'2019**) for your kind records please.

Thanking you,

Yours sincerely

(K K Sharma)
AGM (Chem. & EMG)
Khargone Super Thermal Power Project
(NTPC Ltd)

Encl. as above

Copy to:

1. The Director
IA Division
Ministry of Environment, Forest and Climate Change,
Paryavaran Bhawan,
Lodhi Road, New Delhi-110003
2. The Chairman,
Central Pollution Control Board,
Parivesh Bhawan, CBD- cum-Office Complex,
East Arjun Nagar, **Delhi-110032**
3. The Chairman,
Madhya Pradesh Pollution Control Board,
Parivesh Bhawan, E-5 Arera Colony,
Paryavaran Parisar, **Bhopal-462016**

KHARGONE SUPER THERMAL POWER PROJECT
(2X660 MW)

**HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENTAL
CLEARANCE CONDITIONS**

(Vide Letter No. J- 13012/54/2010-IA. II (T) Dated 31st March 2015)

	MOEF & CC Stipulations	NTPC Response
A	Specific Conditions:	Status as on 31.03.2019
i	Coal transportation shall be by Rail only. An additional EIA shall be carried out and an EMP shall be prepared for laying down the rail line and alternate mode of transportation, in case rail line gets delayed. The EIA/EMP shall be submitted to the Ministry within one year of issuing the EC.	As the construction of railway route & MGR is being delayed, EC amendment applied to MoEF & CC, for change in mode of coal transportation by road initially. An additional EIA has been carried out and EMP has been also prepared for laying down the rail line and alternate mode transportation (i.e. by road) and submitted to Ministry (MoEF & CC) for seeking necessary amendment in EC condition. The proposal was considered in the EAC meeting held on 27.03.2019. As per Minutes of Meeting posted on MOEF&CC web site the EAC has recommended the proposal.
ii	The Sulphur and Ash content of coal shall not exceed 0.5% and 43% respectively. In case of variation of quality at any point of time, fresh reference shall be made to the Ministry for suitable amendments in the environmental clearance.	Shall be complied during operation phase of project
iii	Latest authenticated satellite imagery shall be submitted to the Regional Office of the Ministry on an annual basis to monitor the environmental alterations of the area.	Land use classification based on latest satellite imagery will be submitted to the Regional Office of the MOEF&CC on an annual basis during operation phase of the project.
iv	Vision document specifying prospective plan for the site shall be formulated and submitted to the Regional Office of the Ministry within six months.	NTPC vide letter dated 07.09.2015 has submitted a project vision document to the Regional Office, MOEF&CC at Bhopal.
v	Harnessing solar power within the premises of the plant particularly at available roof tops shall be carried out and status of implementation including actual generation of solar power shall be submitted along with half yearly monitoring report.	NTPC vide letter dated 07.09.2015 has submitted Scheme for harnessing solar power by installation of roof top solar plant within the premises of the proposed project. The scheme will be implemented during the operation phase of the project.
vi	One twin flue stack of 275 m height shall be provided with continuous on-line monitoring system of SO _x , NO _x and PM _{2.5} & PM ₁₀ . Exit velocity of flue gases shall not be less than 22 m/sec. In addition to the regular parameters, Mercury emission from stack shall also be monitored of six monthly basis.	A twin-flue stack of 275 meters height has been provided. Continuous online monitoring system (CEMS) facilities are being installed for monitoring of SO ₂ , NO _x and Particulate matter (PM). Exit velocity of flue gases shall be maintained less than 22 m/sec. Mercury emission from stack shall also be monitored regularly.

vii	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm ³ . Adequate dust extraction system such as cyclones/bag filters and water spray system to control fugitive emissions in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	The High Efficiency Electrostatic Precipitators (ESP) is designed for a guaranteed efficiency of 99.97%. The particulate emission will be controlled and maintained below 50 mg/Nm ³ . Adequate dust extraction system and water spray system are being provided to control fugitive emissions at coal handling and ash handling area, transfer points and other vulnerable dusty areas. (as per the 07.12.2015 notification it is 30 mg/Nm ³)
viii	COC of at least 5.0 shall be adopted.	Closed cycle cooling water re-circulation system has been designed with minimum Cycle of Concentration (COC) of 5.0 for optimization of water requirement.
ix	Monitoring of surface water quantity and quality shall be conducted regularly and records shall be maintained. The monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records shall be maintained. The monitored data shall be submitted to the Ministry every six months.	Monitoring of Surface water quality is being carried out regularly through MPPCB Lab, Indore and reports are submitted herewith at Annexure-I.
x	Monitoring for heavy metals in ground water in the vicinity of plant shall also be undertaken and monitoring report shall be submitted to the ministry every six months.	Regular monitoring of heavy metals in ground water in and around plant area will be carried out as per stipulation and report will be submitted to Regional Office of MoEF & CC Bhopal every six monthly during the operation phase of the project.
xi	A well designed rain water harvesting system shall be put in place within six months, which shall comprise of rain water collection from the built up and open area in the plant premises and records shall be kept for the quantity of water harvested every year and its use.	Detailed rain water harvesting study has been carried out at the project. A well designed rain water harvesting system shall be established as per recommendations/ stipulations. Records shall be maintained for the quantity of water harvested every year and its use.
xii	No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the setting up/operation of the power plant.	The said stipulation is being complied during construction phase and shall also be complied during the operation phase of the project.
xiii	Hydro geology of the area shall be reviewed annually through an institute/ organization of repute to assess impact of surface water and ground water (especially around ash dyke). In case, any deterioration is observed specific mitigation measures shall be undertaken immediately. Reports/ data of water quality shall be submitted to the Regional Office of the Ministry every six months.	Hydro-geological study of the area has been carried out through National Institute of Hydrology (NIH), Roorkee and shall be considered as base line study. Further, during the operation phase of the project the said study will be reviewed annually from an institute/ organization of repute to assess impact of surface water and ground regime (especially around ash dyke) and reports of water quality monitored will be submitted every six monthly to the Regional Office of the MOEF&CC. Baseline Hydro geological study report is submitted herewith at Annexure-II

xiv	Waste water generated from the plant shall be treated before discharge to comply with the standards prescribed by the SPCB/CPCB.	An effluent management scheme will be implemented during the operation phase of the project with the objective to treat the waste water as per the standards prescribed by SPCB/CPCB, before its discharge.
xv	Additional soil for leveling of the proposed site, if require shall be taken from within the sites (to the extent possible) so that natural drainage system of the area is protected.	All additional soil leveling of the project site will be done from within the sites only with all necessary precautions to protect natural drainage system of the area.
xvi	Fly ash shall be collected in dry from and storage facility (silos) shall be provided. Un-utilised fly ash shall be disposed off in the ash pond in the form of slurry. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the effluents emanating from the ash pond and in the bottom ash also. No ash shall be disposed off in low lying area.	<p>An ash management & disposal scheme will be implemented consisting of dry ash extraction system (DAES) for dry collection of fly ash with adequate storage facility (silos), supply of ash to entrepreneurs for utilization and promoting ash utilization to maximum extent and safe disposal of un-utilised ash in the ash pond in the form of slurry.</p> <p>A long term agreement for fly ash utilization of about 3055 MT/day has been already done with cement industries.</p> <p>Two different systems are being provided for ash disposal- Conventional wet slurry disposal system with ash water re-circulation for bottom ash and High Concentration Slurry Disposal (HCSD) system for fly ash.</p> <p>Periodic monitoring for mercury & heavy metals in the bottom ash and water emanating from ash pond will be carried out during the operation phase of the project.</p> <p>No ash will be disposed off in low lying area.</p>
xvii	Fugitive emission of fly ash (dry or wet) shall be controlled such that no agricultural or non-agricultural land is affected. Damage to any land shall be mitigated and suitable compensation shall be provided in consultation with the local Panchayat.	<p>Fugitive emission of fly ash & dust will be controlled up to the maximum extent with the aid of suitable pollution control devices such as ESP, Dust Extraction, Dust Suppression systems and water spray arrangements.etc.</p> <p>Further, extensive plantation will be undertaken in all available spaces including coal handling, ash pond area etc selectively with Air Pollution Tolerant (APT) plant species.</p> <p>Ash will be disposed off in the designated area only. Moreover, trucks with closed containers will be used for transportation of fly ash in order to avoid any dust emission.</p>
xviii	Ash pond shall be line with HDPE/LDPE lining or any other suitable impermeable media so that no leaching takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from	To avoid any leaching and ground water contamination from ash slurry, bottom ash lagoons are being provided with impervious lining with suitable impermeable material i.e. Bentonite blended clay.

	getting breached.	The structure of ash dykes has been designed, constructed and will be operated as per State of the Art engineering practices for the design and construction of earth dams with adequate factor of Safety. The ash dyke is being constructed considering the seismic parameters in its design.
xix	A long term study of radio activity and heavy metals contents of coal to be used shall be carried out through a reputed institute and results shall be analyzed every two years and shall be reported to the Ministry along with the monitoring reports. Thereafter, mechanism for an in- built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.	A detailed study on chemical composition of coal used particularly heavy metal and radioactivity contents will be carried out through a reputed institute during operation phase.
xx	Green Belt of least 50m width consisting of three tiers of plantations of native species around the plant shall be raised. Wherever 50m width is not feasible, an adequate justification shall be submitted to the Ministry and appropriate width not less than 20m shall be planted. Tree density shall not be less than 2500 per ha with survival rate not less than 80%.	<p>➤ Around 124 acres of land has been envisaged for the green belt development.</p> <p>➤ Green Belt around the Main Plant area except transmission corridor is being planted.</p> <p>➤ Green Belt around the Township area also being planted.</p> <p>➤ Extensive afforestation will be undertaken at all available spaces in and around project, after construction is complete.</p> <p>➤ Avenue Plantation along the Road also being done.</p> <p>➤ Shelter belt Plantations along the vicinity of ash storage/ disposal sites/ water reservoirs and along boundary walls is being taken up.</p> <p>➤ About 31,200 sapling has been planted till Mar'2019 under green belt development in and around NTPC premises.</p> <p>➤ Further, about 1,50,000 saplings have been planted outside the plant premises at various locations in Dist. Khandwa, Khargone at MP Rajya Van Vikas Nigam Limited's sites under the additional carbon sink plantation.</p> <p>➤ Also, about 5000 fruit plant saplings were distributed to villagers.</p>
xxi	Green belt shall also be developed around the Ash Pond over and above the Green Belt around the plant boundary.	Will be complied during operation phase of the project.
xxii	CSR schemes identified based on need based assessment shall be implemented in consultation with the village Panchayat and the District Administration starting from the development of project itself. As part of CSR,	Various CSR/R&R schemes are being implemented based on need based survey in consultation with the village Panchayat and the District Administration;

<p>prior identification of local employable youth the eventual employment in the project after imparting relevant training shall be also undertaken. Company shall provide separate budget for community development activities and income generation programmes.</p>	<p>Infrastructural development: Construction of Internal roads, Culverts, Bus stand, Community centres, Solar street lights, Bridges and Drains are being provided in nearby villages.</p> <p>Drinking Water: Renovation/Up-gradation & Providing of water pipelines, Construction of water tank, Sump pit, Development of water source and Construction of Ghats are being provided in nearby villages.</p> <p>Education: Construction of additional class rooms Boundary wall & Renovation of school, Distribution of desk, bench, chair, table, school uniforms & sports materials, Fencing of ground, Rural sports camps, Distribution of scholarships etc. are being provided.</p> <p>Health: Medical camps, Eye checkup & Dental checkup and Hygiene medical camps are being organized, Provided air conditioners to Govt. hospitals, Hiring/deployment of Mobile health clinic are being provided.</p> <p>Training: Training to physically challenged person & distribution of Aid Equipments, distribution of tricycles. Training for General Electrician & Domestic wiring, Car driving, Distribution of sewing machines, tool kits for electricians. Training for Computer education, Beautician, Dress making, Masala papad making, Manufacturing of cattle feed are being provided for women empowerment.</p> <p>Archeological /Heritage: Repairing /Renovation of Mandir at Maheshwar</p> <p>Cultural activities/Music & Festivals: Financial aids provided to nearby villages for cultural events, Public address system, tents & chairs are being provided for cultural & spiritual events.</p> <p>Adm. Recommendation Works: Construction of toilets, Distribution of computers, printers, Fin. aid for CCTV cameras, Construction of community centres, boundary wall, renovation of temples, Fin. aid for Collector-Nirashrit Nidhi Yojna, Construction of Goumukh Ghat, Safety Wall from Narmda River to back side of Temple, Solar light etc are being done.</p> <p>Apart from the above various infrastructure development (i.e. community center, boundary wall, road, school bhawan, solar lights, construction of ghats, drainage, water pipelines, panchayat bhawan) and other community works are also being taken up in the villages affected by Railway siding.</p>
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xxiii	For periodic monitoring of CSR activities, a CSR Committee or a Social Audit committee or a suitable credible external agency shall be appointed. CSR activities shall also be evaluated by an independent external agency. This evaluation shall be both concurrent (every six months) and final.	Will be complied
xxiv	An Environmental Cell comprising of at least one expert in environmental science/engineering, ecology, occupational health and social science shall be created preferably at the project site itself and shall be headed by an officer of appropriated seniority and qualification. It shall be ensured that the Head of the cell shall directly report to the Head of the Plant who would be accountable for implementation of environmental regulations and social impact improvement/mitigation measures.	An Environment Management Group (EMG) headed by AGM (Chem. & EMG) is already functional at the Khargone project site. EMG is responsible for implementation and compliance of environmental stipulations. EMG is having sufficient qualified/trained manpower for environmental management to ensure implementation of environmental regulations and social impact improvement/ mitigation measures.
B	General Conditions:	
i	Space for FGD shall be provided for future installation, if required.	Adequate space has been provided in the layout for installation of FGD plant. Installation of FGD plant package is awarded to M/s L&T in Sep'2018 and shall be completed in 34 months.
ii	The treated effluents conforming to the prescribed standards under Environment (Protection) Act. 1986 only shall be re-circulated and reused within the plant. Arrangements shall be made that effluents and storm water do not get mixed.	Effluent treatment system comprising of ETP, neutralization pit, oil and grease separator, lamella clarifier, cooling towers etc are being provided. The effluents will be treated adequately conforming to the prescribed standards. Provision is being kept to re-circulate cooling water and ash pond effluent. The entire cooling tower blow down shall be reused in CHP, AHP, FGD and firefighting. An independent plant effluent drainage system is being constructed to ensure that plant effluents do not mix with storm water drainage. Further, Zero Liquid Discharge (ZLD) scheme is being implemented for recycle & reuse of waste water generated, thereby reducing and optimizing the quantities of water requirement and effluent generation to the extent feasible.

iii	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation.	Sewage treatment plants are being provided at plant and township area to treat the sewage. The treated sewage, conforming to prescribed standards shall be utilized for plantation & raising greenbelt to the extent possible.
iv	Adequate safety measures shall be provided in the plant area to check / minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location, plant layout etc. as and when finalized, shall be submitted to the ministry as well as to the regional office of the Ministry.	Hydrant system covering the entire power station including all the auxiliaries and buildings in the plant area is being provided as per fire safety requirements. The system is adequately equipped with piping, hydrants, valves, instrumentation, hoses, nozzles, hose boxes/stations etc. Copy of safety measures details are submitted herewith at Annexure-III
v	Separate storage facilities for auxiliary liquid fuel such as LDO/HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Provisions of the Manufacture, Storage and Import of Hazardous Chemical Rules and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996 shall be applicable as per the quantity stored. Disaster Management System shall be established as per the Disaster Management Plan to meet any eventuality in case of an accident taking place due to storage of oil.	Storage facility is designed and provided for LDO as auxiliary liquid fuel, inside plant area conforming to the adequate safety standard and where risk is minimal. Necessary license has been obtained from Department of Explosives, Nagpur. Sulphur content in LDO is being ensured less than 0.5%. A detailed Disaster Management Plan & Risk assessment including fire and explosion issues is being prepared and finalized in consultation with Department of Explosives, Nagpur. Regular mock drills being conducted as per plan in order to address any eventuality in case of an accident.
vi	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	All arrangements related to first aid, health & safety and sanitation for workers during construction phase of the project have been kept under the scope of EPC contractor. However, NTPC will ensure effective compliance of the said stipulations. Various measures implemented during construction phase through contractor are:- •Adequate infrastructure facilities, such as sanitation, fuel, restroom, medical facilities, safety, and suitable water supply are being provided at various stages of project construction to the labor colonies housing the work force during construction phase of the project. •Safety equipment such as earplugs and earmuffs, helmets, face shields, safety goggles etc. are being provided to workers engaged in high risk areas. •A first aid center facility have been provided in township as well as plant area to provide immediate medical aid to the workers and their family members.

		<p>•24x7 hrs ambulance service is available at site to transport injured workers to nearby hospitals.</p>
vii	<p>Noise levels from turbines in work zone shall be limited to 85 dB (A) from source. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc. shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/less noisy areas.</p>	<p>Design specification for the equipments has been made to comply with the stipulation. Requisite personal protective equipments (PPE's) has been provided through contractors during construction phase. Periodic examination of workers during operation phase shall be done as stipulated.</p> <p>Workers of generator hall and other high noise area are being provided with appropriate ear protection devices.</p>
viii	<p>Regular monitoring of ambient air ground level concentration of SO₂, NO_x, PM_{2.5} & PM₁₀ and Hg shall be carried out in the impact zone of the project and record shall be maintained. In case these levels exceed the prescribed limits, necessary control measures shall be taken immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Monitoring reports shall be submitted to the Regional Office of this Ministry every six months. The data shall also be uploaded on the website of the company.</p>	<p>Regular monitoring of ambient air quality is being done by MPPCB Lab, Indore. Ambient air monitoring reports are submitted herewith at Annexure-IV.</p> <p>Further, four nos. of Continuous AAQMS (2 at main plant, 1 at township and 1 at Khargone city) are being provided and its location have been already finalized in consultation with MPPCB.</p> <p>The data shall be uploaded on website of the company during the operation phase of the project.</p>
ix	<p>Fly Ash generated shall be utilized 100% from the 4th year of operation of the power plant. Status of fly ash utilization shall be reported each year to the Regional Office of the Ministry.</p>	<p>Ash Utilization Plan has been prepared and shall be implemented in compliance to fly ash gazette notification dated 03.11.2009 and its amendments thereafter. Status of fly ash utilization shall be reported each year to the Regional Office of the Ministry during the operation phase of the project.</p>
x	<p>Provision shall be made for the housing of construction labor (as applicable) within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.</p>	<p>Labor colony with necessary infrastructure facilities such as housing, sanitation, mobile toilet, fuel, medical facilities, safety, drinking water supply etc. has been provided for construction labour.</p> <p>The same has been kept have been kept under the scope of EPC contractor. However, NTPC will ensure effective compliance of the said stipulations.</p>
xi	<p>The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of receipt of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be see at Website of the Ministry of</p>	<p>The information of Environmental Clearance was published in two news papers widely circulated in the region; Hindustan Times (English) and Nai Dunia (Hindi) on dated 04.04.2015.</p>

	Environment and Forests at http://envfor.nic.in .	
xii	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila parishad/ Municipal Corporation, urban local body and the Local NGO, if any, from whom suggestions/representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Copy of clearance letter were sent vide our letter dated 06.04.2015 to Sarpanch of village Panchayat of Selda & Dalchi village, CEO of Khargone Distt & CEO of Khargone Municipal Corporation. The environmental Clearance was also uploaded on the NTPC website on 03.04.2015.
xiii	The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same every six months. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.	The latest half yearly compliance status report of EC conditions is regularly being submitted to the Regional Office of MOEF&CC and being also uploaded on the NTPC website, which is periodically being replaced with updated HYC report.
xiv	The criteria pollutant levels namely; SPM, RSPM (PM _{2.5} & PM ₁₀), SO ₂ , NO _x (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	Online Continuous Emission Monitoring System (CEMS) for Stack emission to monitor pollutant parameters namely; Particulate Matter (PM), NOX, & SO ₂ , is being installed. CAAQMS are also being provided for regular monitoring of ambient air quality. Data will be displayed at a convenient location near the main gate of the company in the public domain during operation phase of the project.
xv	The environment statement for each financial year ending 31 st March in Form-V as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall be submitted by the project proponent to the concerned State Pollution Control Board. The same shall also be uploaded on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	The environment statement for each financial year ending 31 st March in Form-V shall be submitted to MPPCB & RO, MoEF&CC during the operation phase of the project.
xvi	The project proponent shall submit six monthly reports on the status of the implementations of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same every six months and simultaneously send the same by	Six monthly compliance status report of EC conditions is regularly being submitted to the Regional Office of MOEF&CC, CPCB & MPPCB and being also uploaded on the NTPC website, which is periodically being replaced with updated report.

	email to the Regional office, Ministry of Environment and Forests.	
xvii	Regional office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.	A complete set of documents including Environmental Impact Assessment (EIA) Report and Environment Management Plan (EMP) along with the additional information/clarifications has been submitted on 05.10.2015.
xviii	The details of the funds along with item-wise break-up of Rs.1421.2 crores allocated for implementation of environmental protection measures shall be submitted to the Ministry. This cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure shall be reported to the Ministry.	The requisite funds for environmental mitigation measures have been included in the project cost. Financial provision stipulated towards environmental mitigate measures shall not be diverted for other purposes.
xix	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	Project Financial closure has been done on 31.03.2015. Site leveling/ Land development work started on July 17 th , 2015. Consent to Establish (CTE) from MPPCB received vide their letter dated 09.03.2016.
xx	Full cooperation shall be extended to the Scientists/officers from the Ministry /Regional Office of the Ministry/ CPCB /SPCB who would be monitoring the compliance of environmental status.	Full cooperation shall be extended to the Scientists/ Officers from the Ministry/ Regional Office of the Ministry at Bhopal/ CPCB/ SPCB during monitoring of the project.
5	The Ministry reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction. The Ministry may also impose additional environmental conditions or modify the existing ones, if necessary.	Noted.
6	The environmental clearance accorded shall be valid for a period of 5 years from the date of issue of this letter to start operation of the power plant.	Noted.
7	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.

8	In case of any deviation or alteration in the project proposed including coal transportation system from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.	Noted.
9	The above stipulations would be enforced among others under the water (prevention and Control of pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management, Handling & Trans-boundary Movement) Rules, 2008 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Noted.
10	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

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