

एन यू पी पी एल



नेयवेली उत्तर प्रदेश पावर लिमिटेड
NEYVELI UTTAR PRADESH POWER LIMITED

(एन एल सी इंडिया लिमिटेड एवं यू.पी. राज्य विद्युत उत्पादन निगम लिमिटेड का संयुक्त उपक्रम)
(A JOINT VENTURE OF NLC INDIA LTD. & UP RAJYA VIDYUT UTPADAN NIGAM LTD.)
घाटमपुर थर्मल पावर रोजेक्ट साइट आफिस, लहुरीमऊ गाँव के पास-काशिमपुर, तहसील-घाटमपुर

समूहि (डाकघर)-208001, जिला कानपुर नगर, उत्तर प्रदेश
GHATAMPUR THERMAL POWER PROJECT
NEAR VILLAGE LAHURIMAU-KASIMPUR, GHATAMPUR TEHSIL, P.O.: SAMUHI-208001,
KANPUR NAGAR DISTRICT, UTTAR PRADESH
CIN:U40300UP2012GOI053569. GSTIN: 09AAECN3221F1ZS

E-Mail: ceo.nuppl@nlcindia.in, ts.nuppl@nlcindia.in



कर्मणो भद्रं कुरुताम्

ONE EARTH - ONE FAMILY - ONE FUTURE

Lr. No. CEO/NUPPL/MoEF&CC/EC/38/2023/ 1803

Date- 27/06/2023

To,
The Additional Director (Scientific),
Government Of India,
Ministry of Environment, Forest and Climate Change,
Indira Paryavaran Bhawan,
Jorbagh, New Delhi-110003,

Kind Attention: Shri. Yogendra Pal Singh

Dear Sir,

Sub: Submission of Six Monthly Compliance Report to Environment Clearance for the Ghatampur Thermal Power Project (3 X 660 MW)– Reg.

Ref: 1) Environment Clearance No J-13012/113/2011-IA II (T) Dt.17.06.2015 from MoEF, GOI

Please find enclosed herewith Six Monthly Compliance Status Report for the General and Specific Conditions mentioned in the Environmental Clearance(Ref.1) – Period: October-2022 to March-2023 for your kind information and records. Also, the compliance status will be uploaded at Parivesh 2.0 Portal.

Thanking you with warm regards.

Yours Sincerely,

(Santhosh C.S)

Chief Executive Officer

Neyveli Uttar Pradesh Power Ltd.

Encl.: As Above.

Lr. No. CEO/NUPPL/MoEF&CC/EC/38/2023/1803 of dated: 27/06/2023

Copy forwarded to the following for information and necessary action:

- 1) Integrated Regional office, MoEF&CC, Kendriya Bhawan, 5th Floor, Sector H, Aliganj, Lucknow, Uttar Pradesh-260224 (Email: rcoz.lko-mef@nic.in).
- 2) Chief Environment Officer (Circle - 2), U.P. Pollution Control Board, Building No. TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226010 (Email: ceo2@uppcb.in).
- 3) The Regional Officer, U.P. Pollution Control Board, 243, Avas Vikas, Phase III, Sadbhavna Nagar, Kalyanpur, Kanpur-208017 (Email: rokanpur@uppcb.in).

(Santhosh C.S)

Chief Executive Officer

Neyveli Uttar Pradesh Power Ltd.

SIX MONTHLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE



3 X 660 MW GHATAMPUR THERMAL POWER PROJECT

NEAR VILLAGE LAHURIMAU-KASIMPUR,
GHATAMPUR TEHSIL, P.O.: SAMUHI-208001,
DISTRICT-KANPUR NAGAR (UTTAR PRADESH)

Submitted to:

MOEF&CC, NEW DELHI
REGIONAL OFFICE OF MOEF&CC, LUCKNOW
CENTRAL POLLUTION CONTROL BOARD (CPCB), LUCKNOW.
U P POLLUTION CONTROL BOARD, LUCKNOW.

Submitted by:

NEYVELI UTTAR PRADESH POWER LIMITED
(A JOINT VENTURE OF NLC INDIA LTD. & UP RAJYA VIDYUT UTPADAN NIGAM LTD.)

*Regd. Office: KH 419, G.N. Extension,
Gomti Nagar, Lucknow-226010 (U.P.)-Tele Fax:0522-4951065*

(Period: October 2022 - March 2023)

**Ghatampur Thermal Power Project (3 X 660 MW), NEAR VILLAGE LAHURIMAU-KASIMPUR,
GHATAMPUR TEHSIL, KANPUR NAGAR DISTRICT, UTTAR PRADESH**

SIX MONTHLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS

VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015

Sl. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	Compliance Status as on 31.03.2023
A	Specific Conditions	
i	Latest authenticated satellite imagery shall be submitted on an annual basis to monitor the alterations of the area.	Noted. Google Earth project area image attached as Annexure-I .
ii	The Guidelines for import of coal, as and when notified by the concerned Authority, shall be complied with.	Coal will not be imported for the project and same was communicated via email dt. 21.08.2021 vide attached Lr. no. CEO/NUPPL/MoEF&CC/EC/012/2021/1257 DT. 21/08/2021 (Attached Annexure-II) with the ministry.
iii	The Sulphur and ash content of coal shall not exceed 0.45 % and 6% respectively. In case of variation of quality at any point of time, fresh reference shall be made to the ministry for suitable amendments to the environmental clearance.	Coal will not be imported for the project. 100% Domestic coal will be used. The Sulphur and Ash content of the domestic coal may vary from the said limits and same will be communicated with the ministry in separate letter.
iv	The coal transportation shall be by rail only.	Noted. Construction of Railway Siding is under progress.
v	As committed a minimum amount of 0.4% and 0.08% of the capital cost of the project shall be earmarked as capital cost during the construction phase of the project and recurring cost per annum till the operation of the plant respectively for CSR activities.	
vi	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 prior identification of local employable youth	Noted. Please refer Annexure-III .

	and eventual employment in the project after imparting relevant training shall be also undertaken.	
vii	For proper and 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 and final.	
viii	FGD shall be provided to minimize the SO ₂ emissions.	LoA Awarded on 30.09.2022 to M/s L&T Energy Power. Soil Investigation activity completed.
ix	Vision document specifying prospective plan for the site shall be formulated and submitted to the Regional Office of the Ministry within six months.	Complied (Attached Annexure-IV).
x	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.	Noted. Please refer Annexure-V .
xi	A long-term study of radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute and results thereof analyzed every two year and reported along with monitoring reports. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metal in coal and fly ash (including bottom ash) shall be put in place.	The same said stipulation will be complied during operation phase of the plant.
xii	A stack of 275 m height shall be provided with continuous online monitoring equipment's for SO _x , NO _x and PM _{2.5} & PM 10. Exit velocity of flue gases shall not be less than 22 m/ sec. mercury emissions from stack shall also be monitored on periodic basis.	A stack of 275 m height installed with continuous online monitoring equipment's for SO _x , NO _x and PM _{2.5} & PM 10 (Attached Annexure-VI). The other said stipulation will be complied during operation phase of the plant.

<p>xiii</p>	<p>High Efficiency Electrostatic precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/ Nm³ Adequate dust extraction systems such as cyclones /bag filters and water spray systems in dusty areas such as in coal handling and ash handling points, transfer areas shall be provided.</p>	<p>High Efficiency Electrostatic precipitators (ESPs) for Unit-I installation completed and remaining ESPs are under construction. The other said stipulation will be complied during operation phase of the plant.</p>
<p>xiv</p>	<p>Adequate dust extraction systems such as cyclones / bag filters and water spray systems in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.</p>	<p>1) Adequate dust extraction system will be provided along with bag filter at Coal handling plant at different locations (Crusher House, Unit 1,2,3 Bunker) 2) Dry fog dust suppression system (DFDS) will be provided at all receiving/discharge chutes at CHP. 3) Stock pile dust suppression (SPDS) system will be provided at all coal stock piles to suppress the dust. 4) Adequate dust extraction system will be provided along with bag filter at Ash handling plant at different locations (ESP, Ash silo) 5) Rotary ash conditioner will be provided at ash silo to suppress the fine dust at AHP.</p>
<p>xv</p>	<p>COC of at least 5.0 shall be adopted.</p>	<p>Circulating water system work under progress. NDCT (Natural Draught cooling tower) work under progress. 01 no. NDCT for each unit. The CW system is proposed to operate at 5 cycles of concentrations.</p>
<p>xvi</p>	<p>Monitoring of surface water quantity and quality shall also be regularly conducted and records maintained. The monitored data shall be submitted to the ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall also be</p>	<p>Noted.</p>

	undertaken and results/ findings submitted along with half yearly monitoring report.	
xvii	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 detailed record kept of the quantity of water harvested every year and its use.	Noted. Same is under implementation.
xviii	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.	Noted. The said stipulation is being complied.
xix	Hydrogeology of the area shall be reviewed annually from an instate/ organization of repute on surface water and ground regime (especially around ash dyke). In case any deterioration is observed specific mitigation, measures shall be undertaken and reports/ data of water quality monitored regularly and maintained shall be submitted to the regional office of the ministry.	The same said stipulation will be complied during operation phase of the plant.
xx	Wastewater generated from the plant shall be treated before discharge to comply limits prescribed by the SPCB/ CPCB.	Noted. NUPPL is based on Zero Liquid Discharge Concept. Construction of ETP & STP at the plant is under progress. For, NUPPL township a separate 600 KLD capacity STP has been installed and is under operation. The treated sewage conforming to prescribed standards are being utilized for plantation and raising greenbelt areas.
xxi	Additional soil for leveling of the proposed site shall be taken from within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Noted. All the soil and earth material are being utilized within the plant premises only with all necessary precautions to protect natural drainage system of the area.

xxii	Fly ash shall be collected in dry form and storage facility (silos) shall be provided for the same. Unutilized 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 bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.	Noted. All incorporated in the design and will be ensured during operation of the plant.
xxiii	Fugitive emission of fly ash (dry or wet) shall be controlled so that no agricultural or non- agricultural land in affected. Damage to any land shall be mitigated and suitable compensation shall be provided in consultation with the local Panchayat.	Noted.
xxiv	Ash pond shall be lined with HDPE/LDPE lining or any other suitable impermeable media so that no leachate takes place at any point of time adequate safety measure shall also be implemented to protect the ash dyke from getting breached.	Construction of ash pond along with HDPE lining work under progress. All incorporated in the design and will be ensured during operation of the plant.
xxv	Green belt consisting of three tiers of plantations of native species around plant and at 50 m width shall be raised after providing adequate justification to the ministry. Tree density shall not be less than 2500 per hectare with survival rate not less than 80%.	Noted. Please refer Annexure-VII .
xxvi	Green belt shall also be developed around the Ash pond over and above the Green belt around the plant boundary.	
xxvii	An Environmental cell comprising of at least on 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 appropriate superiority 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	NUPPL Environment cell is headed by a Deputy General Manager level officer directly reporting to the Unit Head. Also, the Environment Cell consist of an Executive Engineer (Environmental Engineering).

	environmental regulations and social impact improvement/ mitigation measures.	Environment Cell Organization Structure attached in Annexure-VIII .
B	General Conditions	
i	The treated effluents conforming to the prescribed standards only shall be re-circulated and reused within the plant. Arrangements shall be made that effluents and storm water do not get mixed.	Noted. Construction of Effluent Treatment Plant as per the standards is in progress.
ii	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising green belt/ plantation.	Construction of STP in the plant is under progress. For, NUPPL township a separate 600 KLD capacity STP has been installed and is under operation. The treated sewage conforming to prescribed standards are being utilized for plantation and raising greenbelt areas.
iii	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 shall be submitted to the ministry as well as to the regional office of ministry.	Noted. Construction of fire system is under progress. Also, installation of Dust Suppression System is under progress.
iv	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%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	License for storage of 5775.20 KL LDO (Petroleum Class-C product) had been obtained from O/o Chief Controller of Explosive, Nagpur. vide letter dated: 09-06-2021. Onsite Emergency Plan, Risk Analysis and Hazop Study Report prepared for the plant.
v	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Complied. Please refer Annexure-IX .
vi	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 85 dB(A) from source for people working in the high noise area, requisite personal protective	

	equipment like earplug/ ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressor etc. shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy/ less noisy areas.	Noted. All incorporated in the design and will be ensured during operation of the plant.
vii	Regular monitoring of ambient air ground level concentration of SO ₂ , NO _x , PM _{2.5} & PM ₁₀ and Hg shall be carried out in the impact zone and records maintained. if at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency to monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to regional office of this ministry. The data shall also be put on the website of the company.	NOC for installation of 04 nos. of AAQMS was received from Regional Office, UP Pollution Control Board, Kanpur vide letter dated 05/02/2021. AAQMS Material manufacturing completed at vendor factory. Installation and commissioning will be completed before COD of Unit-I.
viii	Utilization of 100% fly Ash generated shall be made from 4 th year of operation, Status of implementation shall be reported to the regional office of the ministry.	NUPPL will ensure 100% utilization of Fly ash.
ix	Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure 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 structures to be removed after the completion of the project.	Complied. Please refer Annexure-IX .
x	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 this clearance letter informing that the project has been accorded environmental clearance and copies of clearance	Complied. Please refer Annexure-X .

	letter are available with the state pollution control board/ committee and may also be seen at website of the ministry of Environment and forests at http://envfor.nic.in .	
xi	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila parisad/ Municipal corporation, urban local body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied. Please refer Annexure-X .
xii	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 periodically. It shall simultaneously be sent to the regional office of MOEF, the respective Zonal office of CPCB and the SPCB the criteria pollutant levels namely; SPM RSPM (PM2.5 & PM10), SO2, NOx (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.	Noted. All the instruments required for monitoring Stack emission parameters received at site. The criteria pollutant levels namely; SPM, RSPM (PM2.5 & PM10), SO2, NOx (ambient levels as well as stack emissions) will be displayed at a convenient location near the main gate of the company in the public domain. Installation and commissioning will be completed before COD of Unit-I.
xiii	The environment statement for each financial year ending 31 st march in from-V as is mandated to be submitted by the project proponent to the concerned state pollution control Board as prescribed under the Environment (protection) rules, 1986, as amended subsequently, shall also be put 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 officers of the ministry by e-mail.	Noted. The said stipulation will be complied after operation of the plant.

<p>xiv</p>	<p>The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the ministry of environmental 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 clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the regional office ministry of environment and forests.</p>	<p>Complied. The Six-monthly Environment clearance compliance report is being submitted periodically to Ministry of Environmental and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board.</p>
<p>xv</p>	<p>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 regional information submitted from time to time shall be forwarded to the regional office for their use during monitoring project proponent will upload the compliance status in their website and up-date the same from time to time at least six-monthly basis. Criteria pollutants levels including Nox (from stack & ambient air) shall be displayed at the main gate of the power plant.</p>	<p>Noted. Environment management plan is being shared with Regional office, MoEF&CC. Criteria pollutants levels including NOX (from stack and ambient air) will be displayed at main gate of power plant.</p>
<p>xvi</p>	<p>Separate funds shall be allocated for implementation of environmental protection measures along with item – wise break-up these costs 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 should be reported to the ministry.</p>	<p>Noted. Financial provision stipulated towards environmental protection measures are not diverted.</p>
		<p>Date of Project Approval by Gol: 27-07-2016. Date of Financial Closure: Date of Financial Closure for the original sanctioned project</p>

xvii	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.	cost was on 22.06.2021. However revised cost of the project was approved by Gol on 24.04.2023, against which financial closure is yet to be completed. Project construction activities started with "Ground Breaking Ceremony" held on 20.10.2016 NUPPL Board approved COD Dates are: Unit I: 31.07.2023 Unit II: 31.10.2023 Unit III: 31.12.2023
xviii	Full co-operation 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.	Noted. Full co-operation is being extended to the Scientists/ Officers from the Ministry / Regional Office of the Ministry/ CPCB/ SPCB during monitoring the compliances of environmental status.
6	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
7	The environmental clearance accorded shall be valid for a period of 7 years for the date of issue of this letter to start operations by the power plant.	Noted. In accordance with the MoEFCC OM No. F.No.1A3-22/28/2022-1A. 111 [E 181584]; dt. 13.12.2022, it is learnt that EC is valid for 7+3=10 years (Until 17.06.2025 from date of issue i.e., 17.06.2015).
8	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.
9	Incase of any deviation or alteration in the project proposed including coal transportation system from those submitted to this Ministry for clearance, a fresh	Noted.

	reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures, if any.	
10	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 & Transboundary Movement) Rules, 2008 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.	Noted.
11	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.

(Santhosh C.S)
(Chief Executive Officer)
Neyveli Uttar Pradesh Power Ltd.

Annexure-I

HALF YEARLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS

VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015

EC Specific Conditions A(i): Latest authenticated satellite imagery shall be submitted on an annual basis to monitor the alterations of the area.



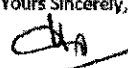


HALF YEARLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS

VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015

EC Specific Conditions A(ii): The guidelines for import of coal, as and when notified by the concerned Authority, shall be complied with.

Coal will not be imported for the project and same was communicated via email dt. 21.08.2021 vide attached Lr. no. CEO/NUPPL/MoEF&CC/EC/012/2021/1257 DT. 21/08/2021 with the ministry.

 <p>एन यू पी पी एल NUPPL</p>	<p>नेयवेली उत्तर प्रदेश पावर लिमिटेड NEYVELI UTTAR PRADESH POWER LIMITED (एनएनपीपी लिमिटेड का संयुक्त उद्यम) (A JOINT VENTURE OF NLCINDIA LTD. & UP RAJYA VIDYUT UTPADAN NIGAM LTD.) घाटमपुर थर्मल पावर प्रोजेक्ट साइट, लखनऊ-काशीमपुर, महाराजगढ़-घाटमपुर समुह (डाकघर)-280001, बिलासपुर नगर, उत्तर प्रदेश GHATAMPUR THERMAL POWER PROJECT SITE OFFICE, NEAR VILLAGE LAHURIMAU-KASIMPUR, GHATAMPUR TERSIL, P.O.: SAMUHI-280001, KANPUR NAGAR DISTRICT, UTTAR PRADESH CIN:140300UP2012G-01853567, GSTIN:09AAECN221E1Z5 E-Mail: ceo.nuppl@nclindia.in, ts.nuppl@nclindia.in</p>	 <p>150 YEARS OF CELEBRATING THE MAHATMA</p>
<p>Lr. No. CEO/NUPPL/MoEF&CC/EC/012/2021/1257 Date - 21/09/2021</p>		
<p>To, Scientist 'G', Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jorbagh, New Delhi - 110003</p>		
<p>Kind Attention: Dr. S. Kerketta</p>		
<p>Sub: Information regarding use of indigenous coal at (3 x 660 MW) GTPP-NUPPL – Reg. Ref: 1. Environment Clearance J-13012/113/2011-IA.II (T) Dt. 17.06.2015</p> <p style="text-align: center;">*****</p>		
<p>Sir,</p> <p>With reference (1), Environment Clearance granted to M/s Neyveli Uttar Pradesh Power Limited Clause 3 states that-</p> <p><i>"Imported coal will be utilized for the project till the Pachwara South Coal Block attains the rated production. An MOU has been signed with the MSTC Ltd. on 21.11.2014 for supply of imported coal which has been amended on 04.02.2015. The sulphur and ash content of imported coal shall range from 0.22-0.46% and 4.0-6.6% respectively. The distance of the project site from Pachwara South Coal Block and Paradip port (for imported coal) is 970 km and 1130 Km respectively. Railways have confirmed transportation of imported coal to the project site from Paradip Port as per their logistics plan"</i></p> <p>and Specific conditions (A) of Sub-clause (ii) states that, <i>"The guidelines for import of coal, as and when notified by the concerned Authority, shall be complied with."</i></p> <p>It is to inform your esteemed office that NUPPL is going to use indigenous coal. Also, NUPPL is constructing railway siding from nearest railway station for transportation of coal as a last mile connectivity.</p> <p>This is for your kind information.</p> <p style="text-align: center;">Thanking you and with regards,</p> <p style="text-align: right;">Yours Sincerely,  Chief Executive Officer Neyveli Uttar Pradesh Power Ltd.</p>		
<p>Copy to: 1) Chief Environment Officer (Circle - 2), U.P. Pollution Control Board, Lucknow. 2) The Regional Officer, U.P. Pollution Control Board, Kanpur.</p>		
<p>निबद्ध कार्यालय 6/42, विपुल खंड, गोमती नगर, लखनऊ-226010 (उ.प्र.) फोन-0522-4951065 Regd. Office: 6/42, Vipul Khand, Gomti Nagar, Lucknow-226010 (U.P.)-Tele Fax:0522-4951065</p>		

Annexure-III

HALF YEARLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS		
VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015		
Sl. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	Compliance Status from 01.10.2022 to 31.03.2023
A	Specific Conditions	
v	<p>As committed, a minimum amount of 0.4% and 0.08% of the capital cost of the project shall be earmarked as capital cost during the construction phase of the project and recurring cost per annum till the operation of the plant respectively for CSR activities.</p>	<p>An amount of Rs. 68.95 Cr. has been earmarked for implementing CSR activities during construction phase of the project. Total amount spent till March 2023 is Rs. 29.84Cr.</p> <p>The following CSR activities conducted for Project affected villages like Mobile Health Care Camps, Sponsoring Candidates for Skill Development Courses, Construction of Bore holes and Hand pumps (Phase I), solar panels with inverter, Water Supply distribution pipe line, renovation of School Buildings, construct a Wash room for women police station, Installation and commissioning of water coolers, Conducted Integrated village development program Art of Living, Installation of Solar streetlight. Various activity related to COVID-19 has been done which are follows: 1. Helping in setting up COVID Lab in GSVM Medical College. 2. Financial assistance provided to purchase one RNA extractor machine. 3. Renovation of COVID ward No 1,2,3,4 at Hallet Hospital.</p> <p>From the period January 2023 to March 2023 following CSR activities are completed and handed-over to administration-</p> <p>1.Construction of kitchen and Dining hall for the NCC cadets in Camp area of NCC head quarter at Kanpur Cantonment.</p> <p>2.Distribution of 600 nos. of blankets in view of severe winter in nearby areas of GTPP project.</p> <p>Further following works are under execution-</p> <p>1. Installation and commissioning of 50 nos. of solar submersible pump.</p> <p>2. Construction of toilet block beside NH34 nearby GTPP entrance.</p>

		<p>3. Construction of 80 nos. of prefab toilet blocks a various railway station of Northern Railway.</p> <p>Further Board of Directors of NUPPL approved various activities worth Rupees 9.97 Cr under NUPPL CER program. These activities are-</p> <ol style="list-style-type: none"> 1. Gaushala construction at Ghatampur Tehsil for stray animals. 2. Bitumen road construction for road connection of Bandh village to NH 34 3. Construction of 6 community centre in various villages of Ghatampur. 4. Installation of 300 nos. of solar street lights in ghatampur tehsil 5. Installation of 10 high mast lights in Ghatampur tehsil. 6. Medical camps organization in various villages. 7. Installation of 4 nos. of health ATM in various government hospitals
vi	<p>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 prior identification of local employable youth and eventual employment in the project after imparting relevant training shall be also undertaken.</p>	<p>All CSR works are being carried out on recommendation of District Administration. Also, suggestions of Members of Legislative Assemblies and Parliament and local panchayat are taken. CSR works are being carried out for local area welfare. In future same will be followed.</p> <p>NUPPL is in contact with Ministry of Skill Development and Entrepreneurship for conducting training for 40 PaV's.</p>
vii	<p>For proper and 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 and final.</p>	<p>Board level CSR Committee has already been constituted in the Year 2018. Member of CSR committee till Oct 2022 are,</p> <ol style="list-style-type: none"> 1. Shri. Prasanna Kumar Motupalli (Chairman) 2. Shri. K Mohan Reddy 3. Shri. Nidhi Kumar Narang 4. Smt. Nivedita Srivastava <p>For evaluation of NUPPL CSR program, appointment of external agency is under progress.</p>

PHOTOGRAPHS



Blanket Distribution



Construction of Kitchen and dining hall at NCC camp



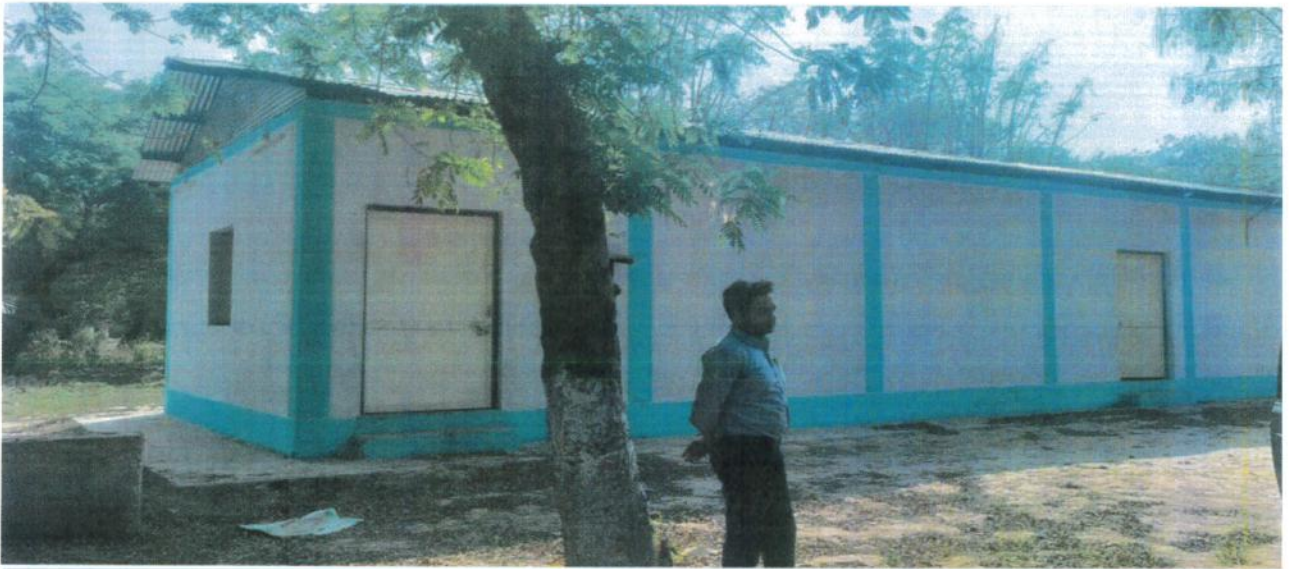
Solar Submersible pump room with storage tanks



Toilet block beside NH 34



Prefab toilet block at various railway station of Northern railway



NCC SHed building

HALF YEARLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS

VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015

EC Specific Conditions A(ix): Vision document specifying prospective plan for the site shall be formulated and submitted to the Regional Office of the Ministry within six months.

VISION DOCUMENT

NEYVELI UTTAR PRADESH POWER LIMITED

GHATAMPUR THERMAL POWER STATION - GTPS

VISION DOCUMENT

The vision of NUPPL originates from the vision of the promoters Neyveli Lignite Corporation Limited and Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited

" To install and operate Power Generating Units with latest technology in Uttar Pradesh contributing to the growth of the Indian Economy and the Lives of the people "

In order to achieve this, the company has framed the following mission

"Generating reliable & quality power for the economic growth of the State & Nation and lighting the homes of the state adopting environment-friendly technologies. "

Towards achieving the Vision the JV Company NUPPL has been formed on 09.11.12 between NLC and UPRVUNL with equity participation in the ratio of 51&49 percentage respectively. The Company will install a Coal based Thermal Power Plant called -GHATAMPUR THERMAL POWER STATION - GTPS with three Units of 660MW each in Ghatampur Tehsil of Kanpur Nagar District adopting environmental friendly and energy efficient Super-critical technology. The Plant will generate 1980 MW when all three Units are commissioned. As per MoU signed between the promoters, minimum 75 % of power from the project shall be allocated to Uttar Pradesh subject to approval of ministry of Power (MoP). Allocation of balance power will be made subsequently as decided by MoP. The plant will be operated at a PLF of 85% and above and will contribute a minimum of 13858.5 Million Units of Power for export.

Apart from generating reliable and quality power for the development of the economy and bettering the lives of the people by lighting up their homes, NUPPL will contribute to the growth of the whole region with minimum impact on the environment. The Vision statements of NUPPL are given below:

Sr.No.	NUPPL's Vision Statement	NUPPL's Specific Programmes to achieve the Vision
1.	<i>Generating reliable and quality power for the Economic growth of the state and lighting the homes</i>	<ol style="list-style-type: none"> 1. Timely commissioning of the Project as per schedule. 2. Maintain high PLF 3. Safe and efficient operation 4. Proper maintenance and renovation 5. Certification with ISO:9001, OSHAS-18001
2.	<i>Adopting environment-friendly</i>	<ol style="list-style-type: none"> 1. Super critical Technology envisaged

AXVII-1

Sr.No.	NUPPL's Vision Statement	NUPPL's Specific Programmes to achieve the Vision
	<i>technologies</i>	for the Plant reduces Pollution 2. Commissioning of all Pollution control systems alongwith commissioning of the Units 3. Implementation of MOEF guidelines for Ash disposal/utilization 4. Compliance with Environmental Norms and standards in operation of the Plant. 5. Large scale Green belt development inside the Plant 6. Continuous monitoring of environmental parameters and apply corrective measures wherever required. 7. Certification with ISO:14001
3.	<i>Contribute to the society</i>	1. Implement R&R scheme as per details agreed with State Govt. and other Stakeholders 2. Community development activities in nearby Villages. 3. CSR activities encompassing healthcare, education, employability etc. 4. Certification with SA-8000

Annexure-V

HALF YEARLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS		
VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015		
SI. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	Compliance Status from 01.10.2022 to 31.03.2023
A	Specific Conditions	
x	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.	50KW Roof Top Solar at CPS Building: Work has been completed on 06.03.2023 and is in service. 50KW Roof Top Solar at Administrative Office Building: Plant has been test charged and final commissioning is pending.

PHOTOGRAPHS

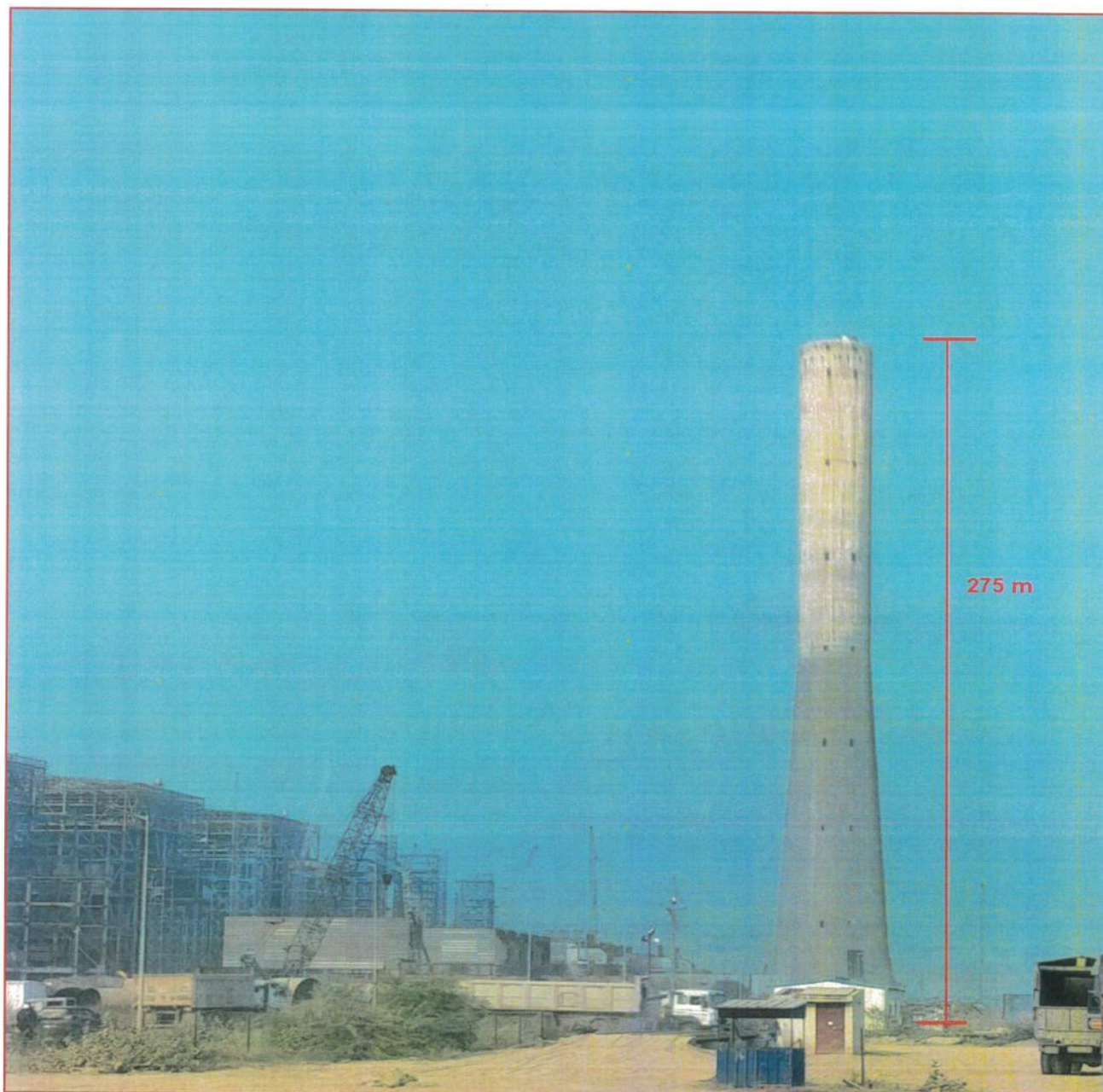


HALF YEARLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS

VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015

EC Specific Conditions A(x): A stack of 275 m height shall be provided with continuous online monitoring equipment's for SO_x, NO_x and PM_{2.5} & PM₁₀. Exit velocity of flue gases shall not be less than 22 m/ sec. mercury emissions from stack shall also be monitored on periodic basis.

PHOTOGRAPH

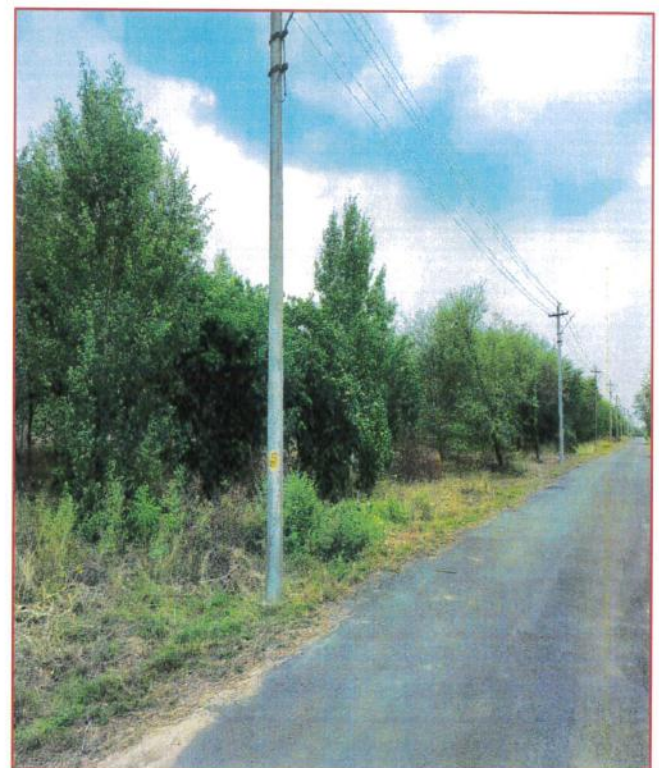
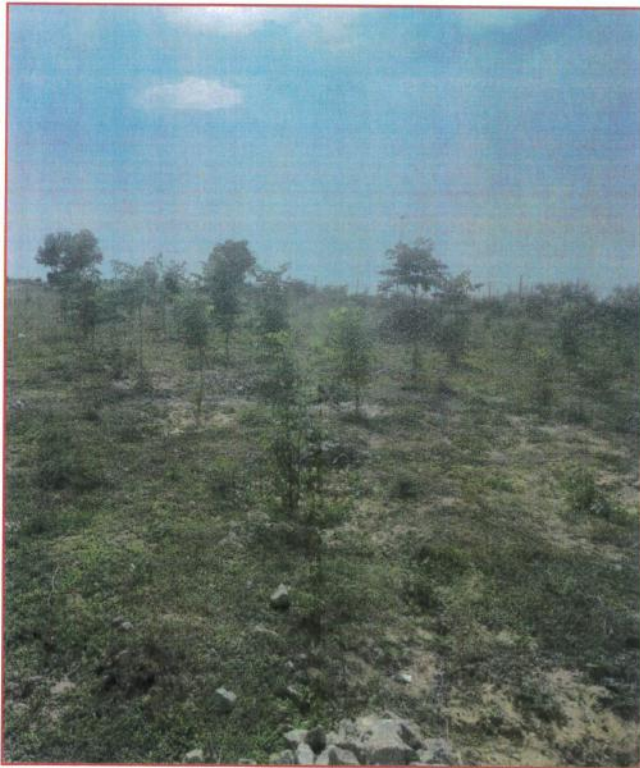
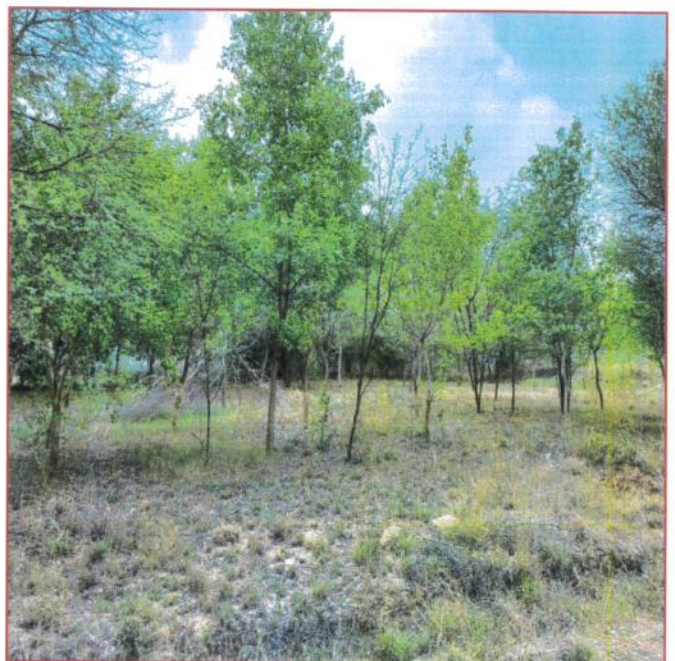
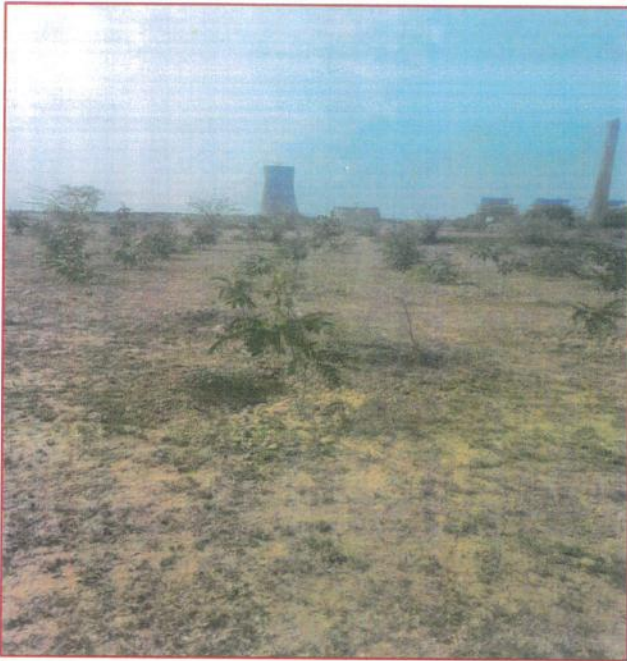


Annexure-VII

HALF YEARLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS		
VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015		
Sl. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	Compliance Status from 01.10.2022 to 31.03.2023
A	Specific Conditions	
xxv	Green belt consisting of three tiers of plantations of native species around plant and at 50 m width shall be raised. Where ever 50 m width is not feasible lesser width but not less than 20 m shall be raised after providing adequate justification to the Ministry. Tree density shall not be less than 2500 per ha with survival rate not less than 80%.	Noted. Mass tree plantation of native species around the Thermal plant are being taken up frequently to develop the Greenbelt area as per stipulated conditions. At present approx. 77.25 hectare of land developed as Greenbelt area.
xxvi	Green belt shall also be developed around the Ash Pond over and above the Green Belt around the plant boundary.	

Sl. No.	Year	Plantation Qty.	Area covered (in hac)	Type of plants
1	2018-2019	10,000	4.00	As per recommendations by UP Forest Department, Kanpur native species pf plant saplings were planted.
2	2019-2020	7397	2.95	
3	2020-2021	1,00,000	40.00	
4	2021-2022	25760	10.30	
5	2022-2023	50000	20.00	
Total		1,93,157	77.25	

PHOTOGRAPHS



Annexure-VIII

HALF YEARLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS

VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015

EC Specific Conditions A(xxvii): 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 appropriate superiority 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.

NUPPL Environment Cell Organization Structure

Shri. Santhosh C.S
(Chief Executive Officer)



Shri. Dhulipala Arun Kumar
(DGM/ Environment)

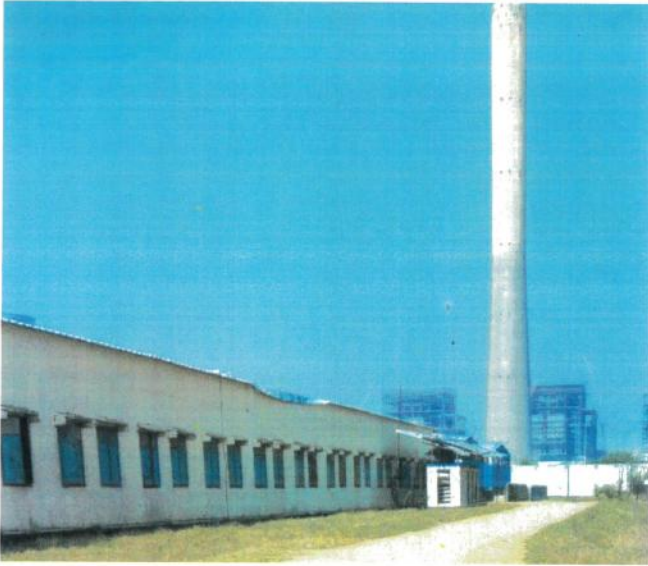


Shri. Kangkan Ligira
(EE/ Environment)

Annexure-IX

HALF YEARLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS		
VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015		
SI. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	Compliance Status from 01.10.2022 to 31.03.2023
A	General Conditions	
v	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Complied. All arrangements related to first aid and sanitation for workers/drivers during construction phase of the project are under the scope of EPC contractor. However, NUPPL monitors effective compliance of the said stipulations.
ix	Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure 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 structures to be removed after the completion of the project.	Complied. Labour colonies with necessary infrastructure facilities such as housing, sanitation, mobile toilet, fuel, medical facilities, safety, drinking water supply etc. is being provided for construction labours through EPC contractors. NUPPL monitors for effective compliance of the said stipulation by the contractors.

PHOTOGRAPHS



LABOUR COLONIES



MOBILE TOILETS 1



MOBILE TOILETS 2



FIRST AID BOX

Annexure-X

HALF YEARLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS		
VIDE LETTER NO J-13012/113/2011-IA II (T) DT.17.06.2015		
Sl. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	Compliance Status from 01.10.2022 to 31.03.2023
A	General Conditions	
x	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 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 seen at website of the ministry of Environment and forests at http://envfor.nic.in .	Complied. The information of Environment Clearance was advertised in local newspapers i.e. Amar Ujala, Hindustan Times and Pioneer.
ix	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila parisad/ Municipal corporation, urban local body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied. Copy of clearance letter had been already submitted to Village Pradhan and local body. The clearance letter can be seen in NUPPL website (https://nuppl.co.in).

