



एनटीपीसी-सेल पावर कम्पनी लिमिटेड

(एनटीपीसी एवं सेल का संयुक्त उद्योग)

**NTPC - SAIL POWER COMPANY LTD.**  
(A Joint Venture of NTPC & SAIL)

राउरकेला  
ROURKELA

Ref. No: NSPCL/RKL/Dec/ 2020/

Date: 08/12/2020

To,  
The Member Secretary,  
State Environment Impact Assessment Authority (SEIAA),  
Odisha, Bhubaneswar.

Sub: Six Monthly status report in regard to Environmental Clearance for 1x250 MW Rourkela Power Project –III.

Your Reference No: 3420/SEIAA Dated 30/05/2015.

Respected Sir,

In regard to the above mentioned Environmental Clearance, we are furnishing the half yearly status report as directed in the EC by SEIAA. A point wise status is enclosed in ANNEXURE-I.

Submitted for your kind information.

*B. Basu*  
08/12/2020

B. Basu.  
GM & BUH, NSPCL.

Copy to:

- (1) Chief Conservator of Forest, Regional Office (EZ) MOEF.
- (2) Member Secretary, SPCB, Odisha.
- (3) Chairman, CPCB, New Delhi.

बानीब्रत बासू  
**BANIBRATA BASU**  
मुख्य महा प्रबन्धक एवं व्यापार इकाई प्रमुख  
CGM & Business Unit Head  
एन.एस.पी.सी.एल., राउरकेला  
NSPCL, Rourkela

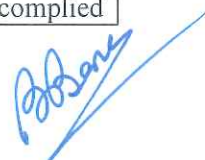
**ANNEXURE-1**

SL.NO	POINT
1.	The applicant (Project proponent) will take necessary measures for prevention control and mitigation of Air Pollution and land pollution including solid waste management as mentioned by him in Form – 1. Final EIA reports and Environment Management Plan (EMP) in compliance with the prescribed statutory norms and standards. <p align="right">Will be complied.</p>
2.	The applicant will take necessary steps for socio-economic development of the people of the area on need based assessment for providing employment, education health, care drinking water and sanitation, road and communication facilities etc. <p align="right">Will be complied</p>
3.	In case source of fuel supply is to be changed at a later stage (now proposed to use imported coal from Indonesia) the project proponent shall intimate to the SEIAA, Odisha well in advance along with necessary requisite documents for its concurrence for allowing the change in such a case the necessity for re-conducting public hearing may be decided by the SEIAA, Odisha in consultation with the State Level Expert Appraisal Committee (SEAC), Odisha. It is mentioned by SEIAA, Odisha in Environmental Clearance page no.2, line no-5, that SAIL has confirmed the supply of coal to the tune of 1.42 MTPA from its Ramnogere Colliery is sufficient for 250MW Unit of NSPCL Rourkela. Hence coal from Indonesia is not required. Imported Coal from Indonesia was not in the project proposal. <p align="right">Will be complied</p>
4.	The applicant will comply to the points, concern and issues raised by the people during public hearing on 16.01.2013 in accordance with the commitments made by him thereon. <p align="right">Will be complied</p>
5.	The applicant will take statutory clearance /approval/permission from the concerned authorities in respect of his project as and when required. <p align="right">Will be complied</p>
6.	For post environmental clearance monitoring, the applicant will submit half yearly compliance report in respect of the stipulated terms and conditions of Environmental clearance to the State Environmental Impact Authority (SEIAA), Odisha. SPCB & Regional Office of the Ministry of Environment & Forest & Climate Change, Odisha on 1 <sup>st</sup> June and 1 <sup>st</sup> December on each calendar year. <p align="right">Will be complied</p>
7.	High efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50mg/Nm <sup>3</sup> . <p align="right">Will be complied</p>
8.	A stack of 220m height shall be installed and provided with continuous on line monitoring equipment's for SO <sub>2</sub> , NO <sub>x</sub> AND PM 10, Mercury emissions from stack may also be monitored on periodic basis. <p align="right">Will be complied</p>
9.	The Storm water during monsoon will be collected in pond and after appropriate treatment shall be stored in reservoir for use in plantation, dust suppression etc. At no point of time the water will be discharged to surrounding areas. <p align="right">Will be complied</p>
10.	Under no circumstances the process water shall be discharged to outside premises or to any water body it should be properly treated stored and 100% recycled in the process. <p align="right">Will be complied</p>





11.	No ground water shall be extracted for the project work at any stage.	Will be complied
12.	Storing of unutilized ash in pond filling up of low lying areas, use in road construction etc., should be as per Notification issued by MoEF vide No.SO 2804(e) dated 3 <sup>rd</sup> November 2009 for fly ash utilization.	Will be complied
13.	As per MOU with OCL the unit shall supply 1900 TDP dry ash to M/s OCL India Ltd. For cement making.	Will be complied
14.	Coal transportation to plant site shall be undertaken by rail and no road transportation shall be permitted.	Will be complied
15.	The proponent shall treat the flue gas through Flue Gas D-Sulfurization (FGD), if SO <sub>2</sub> emission level exceeds the prescribed norm.	Will be complied
16.	Sulphur and ash contents in the coal to be used in the project shall not exceed 0.5% and 34% respectively at any given time. In case of variation of coal quality at any point of time fresh reference shall be made to the SEIAA, Odisha. For suitable amendments to the environmental clearance condition wherever necessary.	Will be complied
17.	Adequate dust extraction system such as cyclone/bag filters and dust suppression system such as water spraying in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	Will be complied
18.	Ash shall be disposed of through HCSD mentioned to the proposed ash disposal areas of 70Ac (i.e. old slag disposal area of RSP which is 5 KM away from the plant towards southwest. HCSD method will be adopted for slurry disposal. Ash dyke mentioned in the EC is 5KM away from the plant towards southwest. This land had been allotted by RSP, SAIL for ash dyke. Subsequently RSP, SAIL changed the ash dyke land to a new location which around 3KM East of main plant. In this dyke ash disposal will be through HCSD method.	
19.	The ash pond should be constructed with impervious lining and ash pond embankment should be stone pitched. Adequate safety measures shall be also be implemented to protect the ash dyke from getting breached. Ash pond water shall be re-circulated and utilized.	Will be complied
20.	Hydrogeology of the area shall be reviewed annually from an institute /organization of repute to assess impact of surface water and ground regime (especially around ash dyke). In case any deterioration is observed specific mitigation measures shall be under taken. Reports/data of water quality should be monitored regularly and maintained properly and shall be submitted to the Regional Office of the Ministry and SEIAA, Odisha.	Will be complied
21.	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.	Will be complied
22.	The treated effluents conforming to the prescribed standards shall be re-circulated and re-used within the plant. There shall be no discharge outside the plant boundary. Arrangements shall be made so that effluents and storm water do not get mixed.	Will be complied
23.	A sewage treatment plant shall be provided and the treated sewage shall be used for raising green belt/plantation.	Will be complied
24.	Land and water requirement shall be restricted as per latest CEA norms issued.	Will be complied





25.	COC of 5.0 shall be adopted.	Will be complied
26.	Rainwater harvesting should be adopted. Central Ground water Authority Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months, from the date of clearance and details shall be furnished to the SEIAA, Odisha.	Will be complied
27.	Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in the coal yard especially during summer season. Details of these measures to be taken along with location plant layout shall be submitted to the SEIAA, Odisha.	Will be complied
28.	Storage facilities for auxiliary liquid fuel such as LDO and HFO/LSHS shall be made in the plant area where risk is minimum. On site and off site Disaster Management Plans shall be prepared to meet any eventuality in case of an accident taking place. Mock drill shall be conducted regularly and based on the same, modifications required, if any shall incorporated in the Disaster Management Plan (DMP). Sulphur content in the liquid fuel will not exceed 0.5%.	Will be complied
29.	Regular monitoring of ground water and around the ash pond area shall be carried out, records maintained and half yearly reports shall be furnished to the SEIAA, Odisha.	Will be complied
30.	A green belt of adequate width and density preferably with local species along the periphery of the plant & alongside roads etc., shall be raised so as to provide protection against particulates and noise. It must be ensured that at least 33% of the total land area shall be under permanent green cover. The project proponent shall ensure proper maintenance of green belt throughout the year & for this purpose they may engage professionals in this field for creation and maintenance of the green belt. An action plan for this purpose shall be prepared accordingly and submitted to the SEIAA, Odisha.	Will be complied
31.	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Will be complied
32.	Noise levels emanating from turbines and air compressors shall be limited to 75dBA. For people working in the high noise area, requisite personal protective equipments like ear plugs/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.	Will be complied
33.	Regular monitoring of ground level concentration of SO <sub>2</sub> , NO <sub>x</sub> , RSPM (PM <sub>10</sub> & PM <sub>25</sub> ) etc. shall be carried out in the impact zone and records to be 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 of monitoring shall be decided in consultation with SPCB, Odisha.	Will be complied
34.	Provisions shall be made for housing of construction laborers within the site with all necessary infrastructure 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.	Will be complied
35.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environment safeguards.	Will be complied





36.	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds ear marked for the environment protection measures shall not be diverted for the purposes and year-wise expenditure should be reported.	Will be complied
37.	The need of the local people should be appropriately addressed in the CSR activities to beundertaken by the project proponent in the area. An action plan in this regard should be prepared and submitted to SEIAA, Odisha.	Will be complied
38.	The project proponent shall advertise in at least two local newspaper widely circulated in the region around the project. One of which shall be in the vernacular language of the locality concerned with in seven dfays from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance are available with the State Pollution Control Board, Odisha and may also be seen at Website of SEIAA, Odisha.	Complied.
39.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat ZillaParishad/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.	Complied.
40.	The proponentshall 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, SEIAA, Odisha, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely SPM, RSPM, (PM25 & 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.	Will be complied
41.	The environment statement for each financial year ending 31 <sup>st</sup> March in from-V as is maintained 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 be put on the website of the company along with the status of the compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	Will be complied
42.	The Project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguard to the Ministry of Environment and Forests, its regional office, SEIAA, Odisha Central Pollution Control Board. The Project proponent shall upload the status of the compliance of the environment of the environmental clearance conditions on their website and update of the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forest and SEIAA, Odisha.	Will be complied
43.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	

Sign & Seal of Occupier

बानीब्रत बासू

**BANIBRATA BASU**

मुख्य महा प्रबन्धक एवं व्यापार इकाई प्रमुख

**CGM & Business Unit Head**

एन.एस.पी.सी.एल., राउरकेला

**NSPCL, Rourkela**



एन टी सी सी-सैल पावर कंपनी लिमिटेड

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ROURKELA

Ref. No: NSPCL/RKL/PROJ/2020/274

Date: 07/02/2020

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24.	Land and water requirement shall be restricted as per latest CEA norms issued. <b>Will be complied</b>

*Datta*



25.	COC of 5.0 shall be adopted.	<b>Will be complied</b>
26.	Rainwater harvesting should be adopted. Central Ground water Authority Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months, from the date of clearance and details shall be furnished to the SEIAA, Odisha.	<b>Will be complied</b>
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31.	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	<b>Will be complied</b>
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34.	Provisions shall be made for housing of construction laborers within the site with all necessary infrastructure 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.	<b>Will be complied</b>
35.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environment safeguards.	<b>Will be complied</b>

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36.	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds ear marked for the environment protection measures shall not be diverted for the purposes and year-wise expenditure should be reported. <b>Will be complied</b>
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39.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat ZillaParishad/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. <b>Complied.</b>
30.	The proponentshall 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, SEIAA, Odisha, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely SPM, RSPM, (PM25 & 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. <b>Will be complied</b>
31.	The environment statement for each financial year ending 31 <sup>st</sup> March in from-V as is maintained 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 be put on the website of the company along with the status of the compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail. <b>Will be complied</b>
42.	The Project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguard to the Ministry of Environment and Forests, its regional office, SEIAA, Odisha Central Pollution Control Board. The Project proponent shall upload the status of the compliance of the environment of the environmental clearance conditions on their website and update of the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forest and SEIAA, Odisha. <b>Will be complied</b>
43.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

*Datta*



## ENVIRONMENTAL STATEMENTS

### FORM V

(See Rule 14)

The Ministry of Environment & Forest vide its notification dated March, 1992 directed all industries which need to have consent under Water (Prevention & Control of Pollution) 1974 and Air (Prevention & Control of Pollution) 1981 to file the Environmental statement every year. This is to be filed for the period ending March by September every year. The format for the same is as follows:

**Environmental Statement for the financial year ending 31<sup>st</sup> March-2019**

#### PART - A

- (i) Name and address of the owner/occupier of the industry operation or process
- Banibrata Basu, (GM & Business Unit Head)**
- NTPC-SAIL Power Company Ltd.
- CPP-II, RSP Complex
- Rourkela Steel Plant, Rourkela, Sundergarh, Odisha-769011
- (ii) Industry category Primary: Red (STC Code) Secondary – (SIC Code)
- (iii) Production capacity 1X250MW MW ()
- (iv) Year of establishment: Expected 2021 (Under Construction from 2016)
- (v) Date of the last environmental statement submitted: 15.03.2016

#### PART-B

#### **Water and Raw Material Consumption**

- (i) **Water Consumption m<sup>3</sup>/day NIL Under Construction**

Process: : NIL m<sup>3</sup>/day

Cooling: : NIL m<sup>3</sup>/day

Domestic: NIL m<sup>3</sup>/day



Name of Products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
	(1)	(2)
(1) Electric Energy	NIL Under Construction	NIL Under Construction

(ii) **Raw Material Consumption: NIL (Under Construction )**

Name of Raw materials	Name of products	Consumption of Raw Material per unit of output	
		During the previous Financial year	During the current financial year
BOILER COAL	Electric Energy	NIL	NIL
FURNACE OIL	Electric Energy	NIL	NIL

**PART- C**

**Pollution discharged to environment/unit of output**

**(Parameter as specified in the consent issued)**

(1) Pollutants	Quantity of pollutants discharged (Mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
Water pH TSS O&G BOD COD Copper (as Cu) Iron (as Fe) Chromium (as Cr) Arsenic (as As) Mercury (as Hg) Lead (as Pb) Cadmium (as Cd)	Under Construction	Under Construction	Under Construction
(b) Air PM(X)	Under Construction	Under Construction	



**PART- D**

**Hazardous Wastes**

(As specified under hazardous wastes/management and handling rules, 1989)

NIL (Under Construction)

Hazardous Waste	Total Quantity (Kg)	
	During the Previous Financial Year	During the Current Financial Year
(a) From process		
I. Used Oil	NIL	NIL
II. Waste Containing Oil	NIL	NIL
III. Spent resins	NIL	NIL
IV. Discarded Container	NIL	NIL
V. Oily Sludge	NIL	NIL
V. From pollution control facilities	NIL	NIL

**PART- E**

**Solid Wastes**

NIL (Under Construction )

		Total Quantity	
		During the previous Financial year (MT)	During the current Financial year(MT)
(a)	From process : ASH		
(b)	From pollution control facility	NIL	NIL
(c)	(1)Quantity recycled or re-utilized within the unit:	NIL	NIL
	(2)Sold (Free of Cost)		
	(3)Disposed		



#### PART- F

Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Sl. No.	Waste Description	Quantum	Method of treatment of hazardous wastes
1.	Oil sludge during cleaning of Storage Tanks	NIL	Under Construction
2.	Used Oil		Under Construction
3.	Waste Containing Oil		Under Construction
4.	Spent resins of DM plant		Under Construction
5.	Solid Waste: ASH		Under Construction

#### PART-G

(In respect of the pollution abatement measures taken up on conservation of natural resources and on the cost of production.)

The expansion unit 1x250MW is under project construction work . Expected completion is likely in 2021.

During Construction all steps are taken for avoiding any pollution.

#### PART- H

Additional measures/investment proposal for environmental protection including abatement of pollution/prevention of pollution.

The expansion unit 1x250MW is under project construction work . Expected completion is likely in 2021.

During Construction all steps are taken for avoiding any pollution.



PART-I

**Any other particulars for improving the quality of the environment.**

The expansion unit 1x250MW is under project construction work . Expected completion is likely in 2021.

During Construction all steps are taken for avoiding any pollution.

Place: Rourkela

Date:

Signature:

GM & Occupier

बानीब्रत बासू

**BANIBRATA BASU**

मुख्य महा प्रबन्धक एवं व्यापार इकाई प्रमुख

**CGM & Business Unit Head**

एन.एस.पी.सी.एल., राउरकेला

**NSPCL, Rourkela**

## ENVIRONMENTAL STATEMENTS

### FORM V

(See Rule 14)

The Ministry of Environment & Forest vide its notification dated March, 1992 directed all industries which need to have consent under Water (Prevention & Control of Pollution) 1974 and Air (Prevention & Control of Pollution) 1981 to file the Environmental statement every year. This is to be filed for the period ending March by September every year. The format for the same is as follows:

**Environmental Statement for the financial year ending 31<sup>st</sup> March-2020**

#### PART - A

(i) Name and address of the owner/occupier of the industry operation or process

**Banibrata Basu**, (GM & Business Unit Head)

NTPC-SAIL Power Company Ltd.

CPP-II, RSP Complex

Rourkela Steel Plant, Rourkela, Sundergarh, Odisha-769011

(ii) Industry category Primary: Red (STC Code) Secondary – (SIC Code)

(iii) Production capacity 1X250MW MW ()

(iv) Year of establishment: Expected 2021 (Under Construction from 2016)

(v) Date of the last environmental statement submitted: 15.03.2016

#### PART-B

#### Water and Raw Material Consumption

(i) **Water Consumption m<sup>3</sup>/day NIL Under Construction**

Process: : NIL m<sup>3</sup>/day

Cooling: : NIL m<sup>3</sup>/day

Domestic: NIL m<sup>3</sup>/day



Name of Products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
	(1)	(2)
(1) Electric Energy	NIL Under Construction	NIL Under Construction

(ii) **Raw Material Consumption: NIL (Under Construction )**

Name of Raw materials	Name of products	Consumption of Raw Material per unit of output	
		During the previous Financial year	During the current financial year
BOILER COAL	Electric Energy	NIL	NIL
FURNACE OIL	Electric Energy	NIL	NIL

**PART- C**

**Pollution discharged to environment/unit of output**

**(Parameter as specified in the consent issued)**

(1) Pollutants	Quantity of pollutants discharged (Mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
Water pH TSS O&G BOD COD Copper (as Cu) Iron (as Fe) Chromium (as Cr) Arsenic (as As) Mercury (as Hg) Lead (as Pb) Cadmium (as Cd)	Under Construction	Under Construction	Under Construction
(b) Air PM(X)	Under Construction	Under Construction	

**PART- D**

**Hazardous Wastes**

(As specified under hazardous wastes/management and handling rules, 1989)

NIL (Under Construction)

Hazardous Waste	Total Quantity (Kg)	
	During the Previous Financial Year	During the Current Financial Year
(a) From process		
I. Used Oil	NIL	NIL
II. Waste Containing Oil	NIL	NIL
III. Spent resins	NIL	NIL
IV. Discarded Container	NIL	NIL
V. Oily Sludge	NIL	NIL
V. From pollution control facilities	NIL	NIL

**PART- E**

**Solid Wastes**

NIL (Under Construction )

		Total Quantity	
		During the previous Financial year (MT)	During the current Financial year(MT)
(a)	From process : ASH		
(b)	From pollution control facility	NIL	NIL
(c)	(1)Quantity recycled or re-utilized within the unit:	NIL	NIL
	(2)Sold (Free of Cost)		
	(3)Disposed		

*Aditya*



**PART- F**

Please specify the characterizations (in terms of composition or quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Sl. No.	Waste Description	Quantum	Method of treatment of hazardous wastes
1.	Oil sludge during cleaning of Storage Tanks	NIL	Under Construction
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4.	Spent resins of DM plant		Under Construction
5.	Solid Waste: ASH		Under Construction

**PART-G**

**(In respect of the pollution abatement measures taken up on conservation of natural resources and on the cost of production.)**

The expansion unit 1x250MW is under project construction work . Expected completion is likely in 2021.

During Construction all steps are taken for avoiding any pollution.

**PART- H**

**Additional measures/investment proposal for environmental protection including abatement of pollution/prevention of pollution.**

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During Construction all steps are taken for avoiding any pollution.

PART- I

**Any other particulars for improving the quality of the environment.**

The expansion unit 1x250MW is under project construction work . Expected completion is likely in 2021.

During Construction all steps are taken for avoiding any pollution.

Place: Rourkela

Date:

  
Signature:

GM & Occupier

**बानीब्रत बासू**  
**BANIBRATA BASU**  
मुख्य महा प्रबन्धक एवं व्यापार इकाई प्रमुख  
CGM & Business Unit Head  
एन.एस.पी.सी.एल., राउरकेला  
NSPCL, Rourkela

