



SPEED POST

B-33014/07/2019/IPC-II/TPP/ 9662

November 26, 2019

To,

The General Manager,
Parichha Thermal Power Station,
Uttar Pradesh Vidyut Utpadan Nigam Ltd,
Parichha, Jhansi - 284 305, Uttar Pradesh

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Parichha Thermal Power Station (PTPS), UPRVUNL, Parichha, Jhansi, Uttar Pradesh - reg.

WHEREAS, Thermal Power Plants are identified as one of the 17 categories of highly polluting industries in the country and have been discharging environmental pollutants directly or indirectly into ambient air and water, which pose constant threat to cause adverse effect on air and water quality; and

WHEREAS, for strengthening monitoring and compliance through self-regulatory mechanism, online emission and effluent monitoring systems need to be installed and operated by the developers and the industries on 'polluter pays principle'; and

WHEREAS, directions under section 5 of the Environment (Protection) Act, were issued on July 21, 2015 to M/s Parichha Thermal Power Station (PTPS), UPRVUNL, Parichha, Jhansi, Uttar Pradesh for installation of Online Continuous Emission & Effluent Monitoring Systems (OCEMS) for parameters namely PM, SO₂, NO_x & pH, TSS, Temperature & Flow and submission of the status; and

WHEREAS, M/s PTPS, UPRVUNL has been directed on 11.12.2017 to install FGD and upgrade ESPs in Units - 3 to 6 by Dec 2021 to Apr 2022 as per plan submitted by MoP to meet revised emission norms as per MoEF&CC notification dated 07.12.2015. Further, M/s PTPS, UPRVUNL has been directed on 06.04.2018 to install FGD and upgrade ESPs in Units - 1 & 2 by Dec 2020 and shall not operate beyond December 2020, if it fails to comply with new/revised emission norms;

WHEREAS, based on the inspection carried out by CPCB RD- North, Lucknow during Sept 25 - 26, 2019, direction under section 5 of E (P) Act, 1986 was issued to M/s PTPS, UPRVUNL by CPCB vide letter No. B-33014/07/2019/IPC-II/TPP/7996 dated 21.10.2019, to show cause as to why the Units - 1, 2 and 3 of the plant should not be closed and environmental compensation be imposed in view of the following non-compliances and other shortcomings highlighted by the inspecting team:

- 1. Emission from the Unit - 3 was found to be non-complying the prescribed standards of PM**, whereas, Units - 2, 4 & 6 were found complying. The concentration of PM from Units - 2, 3, 4 & 6 during manual monitoring was observed to be 96.8 mg/Nm³ (Std. 100 mg/Nm³), 336.0, 26.1, 21.80 mg/Nm³ (Std. 50 mg/Nm³), respectively.
2. OCEMS is installed for effluent parameters for pH, TSS and Temp. and is connected with CPCB server. Whereas, for emission parameters OCEMS is installed for PM, SO₂ and NO_x in Units - 1 to 6 and online data transmission was found in order for Units - 3 to 6. However, online data transmission from OCEMS of Units - 1 & 2 has not been established by the plant.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

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3. The waste water generated from various processes of Plant is treated in ETP-I & II and the treated effluent is utilized for ash slurry preparation for disposal in ash ponds. Treated effluent samples were collected from outlets of both the ETPs which were found complying with the prescribed standards of pH, TSS, BOD & COD. **However, during inspection, TSS sensor of ETP-I was showing faulty readings whereas pH and TSS sensors of ETP-II were also found to be showing abnormal values.**

WHEREAS, vide letter dated 04.11.2019, M/s PTPS, UPRVUNL submitted following reply to show cause notice:

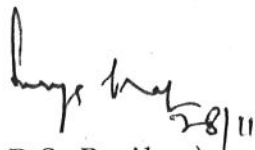

1. PM emission from Unit-3 is on lower side as compared to the monitored emission by inspection team, for which manual monitoring reports from NABL approved labs are enclosed. The test reports (05 Nos.) belong to the period of May to Oct 2019 which show the PM emission range between 106.23 to 134.26 mg/Nm³. However, minor maintenance work in ESP of Units-3 was also carried out during 27.09.2019 - 03.10.2019 to ensure compliance of applicable limits. Overhauling of Unit-3 is proposed in Feb 2020 and ESP retrofitting is proposed for Year 2021 in order to meet new PM emission norm (i.e. 50 mg/Nm³) for which CPCB has issued direction dt. 11.12.2017 to meet new norm in Unit-3 by April 2022.
2. Data transmission of Units-1&2 is interrupted due to defect in HMI panel which is under repairing. Uninterrupted data transmission will be started within one month.
3. TSS sensor was defective and purchase order dt. 08.05.2019 was placed to the OEM. Supplier has been intimated to supply and install sensor within a month.

WHEREAS, Ministry of Environment & Forests, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof.

NOW, THEREFORE, in view of the above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Parichha Thermal Power Station, UPRVUNL, Parichha, Jhansi, Uttar Pradesh is directed to rectify the fault in OCEMS of Units - 1 & 2 and replace faulty effluent quality monitoring sensor at ETP to ensure uninterrupted online data transmission from OCEMS to CPCB & UPPCB servers within 30 days.

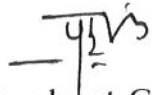
In case of failure to comply with above directions, appropriate action as per provisions of the law shall be taken.

M/s Parichha Thermal Power Station, UPRVUNL, Parichha, Jhansi, Uttar Pradesh is further directed to show cause as to why Environmental Compensation (@ Rs. 30,000 per day) shall not be levied since the date of inspection i.e. 26.09.2019 to the date of compliance report submitted to CPCB, as per Environmental Compensation policy framed by CPCB in compliance of NGT order dated 31.08.2018 in OA no. 593/2017.


(S.P.S. Parihar)
Chairman


Copy to:

1. The Chairman
Uttar Pradesh Pollution Control Board
IIIrd Floor PICUP Bhawan
Vibhuti Khand, Gomti Nagar,
Lucknow - 226 020, U.P.
2. The Addl. Secretary (CP Division)
Ministry of Environment, Forests and Climate Change
Prithvi Wing, 2nd Floor, Room No. 216
Indira Paryavaran Bhawan, Aliganj,
Jor Bagh Road, New Delhi - 110 003
3. The Regional Director - North,
Central Pollution Control Board
PICUP Bhawan, Ground Floor
Vibhuti Khand, Gomti Nagar
Lucknow-226010
4. The Divisional Head - IT, CPCB
5. The Divisional Head - IPC-VI, CPCB


(Prashant Gargava)
Member Secretary

