

BY REGISTERED AD

B-33014/07/2016/PCI-II/

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October 05, 2017

To

General Manager
Singrauli Super Thermal Power Station
NTPC Ltd., Shaktinagar
Dist. Sonbhadra, UP

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 – Show cause thereof

WHEREAS, the 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 the ambient air and water, which pose constant threat to cause adverse effect on the air and water quality; and

WHEREAS, for strengthening the 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, a direction under section 5 of the Environment (Protection) Act, was issued on July 21, 2015 to M/s. Singrauli Super Thermal Power Station (SSTPS), NTPC Ltd. for installation of online emission & effluent monitoring systems for PM, SO₂, NO_x & pH, TSS, Temp. & flow parameters and submission of the status.

WHEREAS, M/s SSTPS, NTPC Ltd. has installed OCEMS in all the units and provided connectivity to CPCB server. However, emission of PM was found exceeding the limit of 150 mg/Nm³ based on the SMS alert generated during the period of April 15 –May 15, 2017.

WHEREAS, in order to verify the compliance and find out the status of online monitoring system, a team from Regional Directorate, North carried out an inspection of M/s SSTPS, NTPC Ltd on August 17-18, 2017. The team made following observations:

1. M/s SSTPS has valid consent under Air and Water Acts, 1981 & 1974 with validity up to 31.12.2017. Whereas, Hazardous Waste Authorization is valid up to 18.08.2021.
2. Continuous Emission & Effluent Monitoring Systems are installed in all 7 units for PM, SO₂, NO_x parameters and are connected with CPCB server.
3. All the 7 units are being operated at restricted load to achieve emission limit of 150 mg/Nm³ as R&M of ESPs is in progress in unit No 1, 4, 5, 6 & 7 to achieve new emission limit of 100 mg/Nm³ as notified in December 07, 2015.
4. The concentration of PM during manual monitoring in Units-1, 2, 4 & 7 was found within the limit of 150 mg/Nm³ except unit No. 2 (PM: 181 mg/Nm³). The deviation in PM concentration observed from manual monitoring and online monitoring was also observed to be within the 10-15% for all 4 units. PM emission from Unit-2 was found exceeding the prescribed limit in both the cases.

5. The treated water from ETP is recirculated for plant process, sprinkling at coal handling plant, coal yard for control of fugitive emission and washing etc.
6. A common AWRS is installed in ash dykes S1 & S2. Recycling is done for ash slurry preparation. Treated domestic waste water is re-used in horticulture.

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 exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Singrauli Super Thermal Power Station of NTPC Ltd. is hereby directed to comply the following directions:

1. That SSTPS shall take corrective measures in all 07 units as deemed fit to ensure compliance of emission limit of 150 mg/Nm³ on regular basis and submit stack emission monitoring report of EPA recognised lab in this regard.
2. That M/s SSTPS shall complete Renovation & Modernisation of all 7 units and ensure compliance of emission limit of 100 mg/Nm³ by December 06, 2017 as notified on December 07, 2015.

M/s SSTPS of NTPC Ltd. shall submit its reply within 01 month from the date of issue of the notice. In case of failure to comply with the said directions necessary action as deemed fit under the provision of the Environment (Protection) Act 1986 will be taken by CPCB.


06.10.2017
(S.P.S. Parihar)
Chairman

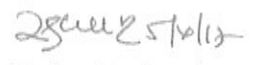

Copy to:

1. Member Secretary
Uttar Pradesh Pollution Control Board
IIIrd Floor PICUP Bhawan, Vibhuthi Khand
Gomti Nagar, Lucknow - 226 020 UP
2. The Advisor (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 - 110003

3. The Regional Director, North
Regional Directorate
Central Pollution Control Board
PICUP Bhawan, Ground Floor
Vibhuti Khand, Gomti Nagar
Lucknow-226010

4. Divisional Head-, IT, CPCB

5. Divisional head-IPC-VI


(A Sudhakar)
Member Secretary


Singrauli Super Thermal Power Station, NTPC Ltd