



SPEED POST

B-33014/07/2018/IPC-II/TPP/ 455

April 10, 2018

To

The General manager
M/s Kahalgaon Super Thermal Power Station
NTPC Limited, P.O: Kahalgaon
Distt. Bhagalpur - 813 214, Bihar

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Kahalgaon Super Thermal Power Station, NTPC Limited, Kahalgaon, Bhagalpur, Bihar.

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 Kahalgaon Super Thermal Power Station (KSTPS), NTPC Limited, Kahalgaon, Bhagalpur, Bihar for installation of online emission & effluent monitoring systems for PM, SO₂, NO_x & pH, TSS, Temp. & flow parameters and submission of the status.

WHEREAS, in order to verify the compliance and find out the status of online monitoring system, a team from Regional Directorate - East, Kolkata carried out an inspection of M/s KSTPS on 08.03.2018 and made following observations:

1. M/s KSTPS has a valid consent under Air and Water Acts, 1981 & 1974 with validity up to 31.03.2019. Hazardous Waste Authorization of M/s KSTPS is also valid up to 10.01.2019.
2. **Emission from Unit-7 was found non-complying with the prescribed standards.** The concentration of PM during manual monitoring in Units-3 & 7 was observed to be 84 mg/Nm³ (Std: 100 mg/Nm³) & 67 mg/Nm³ (Std: 50 mg/Nm³). Whereas, as per online monitors, the average concentration of PM was found to be 32 mg/Nm³ & 19.7 mg/Nm³ respectively from Unit-3 & 7. **The deviation between online and manually monitored values for Unit-3 & 7 was found 62% and 70% respectively.**
3. M/s KSTPS reported that the ESP retrofitting work is scheduled in Unit- 1 to 4 to achieve new emission norms. The contract for same is awarded and the work is expected to be completed by 2020.
4. **M/s KSTPS is not complying with the targeted fly ash utilisation level.** As per EC conditions (Year 2001), M/s KSTPS had to ensure 100% fly ash utilisation level from Year 2001, but M/s KSTPS has failed to comply with the stipulated conditions. Fly ash utilisation by the Plant in last 03 years was below 50%.



WHEREAS, M/s KSTPS has been directed on 11.12.2017 to upgrade ESPs by December 31, 2022 in Unit- 1 to 4 to comply new PM norms, install FGD by December 31, 2022 in Unit- 1 to 7 to comply SO₂ norms, and to meet NO_x norms by December 31, 2022 as per plan submitted by MoP;

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, following directions are hereby issued to M/s Kahalgaon Super Thermal Power Station (KSTPS), NTPC Limited, Kahalgaon, Bhagalpur, Bihar:

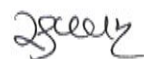
1. M/s KSTPS shall take corrective measures in emission control systems so as to comply with applicable emission norms in Unit-7 and submit emission monitoring report from an EPA recognised lab as evidence in this regard within one month.
2. M/s KSTPS shall immediately calibrate OCEMS for emission and effluent parameters and also rectify the differences in real time transmission of OCEMS data to CPCB server.
3. M/s KSTPS shall submit an action plan to achieve 100% fly ash utilisation and ensure full utilisation of ash stored in ash ponds

M/s Kahalgaon Super Thermal Power Station (KSTPS), NTPC Limited, Kahalgaon, Bhagalpur, Bihar shall submit ATR within one month from the date of issue of the directions. In case of failure to comply with the said directions environmental compensation will be levied and further necessary action as deemed fit under the provision of the Environment (Protection) Act 1986 will be taken by CPCB.


14/07/18
(S.P.S. Parihar)
Chairman


Copy to:

1. The Chairman
Bihar State Pollution Control Board
Parivesh Bhawan, Plot No. NS-B/2,
Paliputra Industrial Area, Patliputra,
Patna - 800 023, Bihar
2. The Additional 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 (East)
Central Pollution Control Board
Southend Conclave, Block 502, 5th & 6th Floor
1582, Rajdanga Main Road, Kolkata - 700 107
4. The Divisional Head- IT, CPCB
5. The Divisional Head- IPC-VI, CPCB


(A. Sudhakar)
Member Secretary
