

SPEED POST

B-33014/07/2017-18/IPC-II/TPP/ 15217

December 07, 2017

To

The General Manager
Anpara Thermal Power Station
A, B & D Anpara, U.P.R.V.U.L.,
Sonebhadra - 231 225, Uttar Pradesh

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Anpara Thermal Power Station, Sonebhadra, Uttar Pradesh- Show Cause thereof.

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, M/s Anpara Thermal Power Station (ATPS) fall under Ganga River Basin and Hon'ble NGT, Principal Bench, New Delhi directed CPCB to inspect M/s ATPS for compliance and submit its report to the tribunal.

WHEREAS, in order to verify the compliance a team from Regional Directorate - North, Lucknow carried out an inspection of M/s ATPS on 17.11.2017 and made the following observations:

1. M/s ATPS has installed capacity of 2630 MW. During inspection M/s ATPS was found operational and inspection team carried out stack monitoring of Unit-1 (210 MW) & Unit-4 (500 MW).
2. The concentration of PM during manual monitoring in Units-1 & 4 was observed to be 357 mg/Nm³ & 328 mg/Nm³ against the consented limit of 150 mg/Nm³. The PM emission from both the units were found non-complying with prescribed standards.
3. Dust suppression measures in coal handling plant (CHP) and management of slurry / coal dust was observed to be poor in quality.
4. There is no effluent treatment system in Anpara- A TPS and Anpara- B TPS. Waste water is released indiscriminately and reaches local drains which may adversely impact environment.
5. M/s ATPS has installed Ash Water Recirculation System (AWRS) for all the three power plants but poor maintenance of pumping infrastructure results in Ash slurry / Ash pond overflow which reaches to Rihand Reservoir and may adversely impact it.
6. The ash pond overflow quality was tested and it was found that the pH (6.14) and TSS (143 mg/l) parameters were found to be non-complying with prescribed standards.

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7. Sewage Treatment Plant is established and treated sewage is used by M/s ATPS in horticulture. However, excess treated sewage is blended with process effluent and discharged.
8. M/s ATPS has installed OCEMS for stack monitoring in the stacks of A-TPS, B-TPS and D-TPS and Anpara- A & B TPS are connected with CPCB server. OCEMS for effluent monitoring is installed at the outlet of ETP of Anpara-D TPS. However, connectivity of OCEMS for effluent and stack emission data for Anpara- D TPS has not yet been established.

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 Anpara Thermal Power Station, Sonbhadra, Uttar Pradesh is directed to show cause as to why your unit should not be closed down for shortcomings as mentioned above and necessary action is not initiated immediately to comply with following in time bound manner:

1. That M/s ATPS shall take action for augmentation of the efficiency of ESP of Unit- 1 & 4 so as to achieve prescribed emission norms for PM and submit emission analysis report from a recognized lab as evidence.
2. That M/s ATPS shall maintain functioning of pumping infrastructure in AWRS so as to ensure complete recycling of ash pond overflow back in Process. The Plant shall also improve ash pond overflow quality and ensure no effluent shall be discharged directly or indirectly into Rihand Reservoir.
3. M/s ATPS shall not release untreated effluent. The Plant shall also install OCEMS for effluent as per CPCB guidelines and establish online connectivity of the same with CPCB server.
4. M/s ATPS shall improve its dust suppression system in order to minimise fugitive emission in CHP are and other areas.
5. M/s ATPS shall ensure reuse of effluent from its Sewage Treatment Plant.

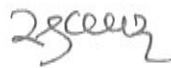
M/s Anpara Thermal Power Station, Sonbhadra, Uttar Pradesh shall submit its reply within 15 days from the date of issue of notice. In case of failure, the Board will be constrained to initiate action as may be deemed necessary and appropriate under the Environment (Protection) Act, 1986.


(S.P.S. Parihar)
Chairman

Copy to:

1. The Chairman
Uttar Pradesh Pollution Control Board
IIIrd Floor PICUP Bhavan, Vibhuthi Khand
Gomti Nagar, Lucknow - 226 020 UP

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 - 110003
3. Regional Directorate (North)
Central Pollution Control Board
PICUP Bhawan, Ground Floor
Vibhuti Khand, Gomti Nagar
Lucknow-226010
4. The Divisional Head - IT, CPCB


(A. Sudhakar)
Member Secretary

