

SPEED POST

B-33014/07/2017-18/IPC-II/TPP/ 15216

December 07, 2017

To

The General Manager
Obra-B Thermal Power Station
U.P.R.V.U.L., Obra, Sonebhadra - 231 219, UP

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Obra-B 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 Obra Thermal Power Station (OTPS) fall under Ganga River Basin and Hon'ble NGT, Principal Bench, New Delhi directed CPCB to inspect M/s OTPS 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 OTPS on 15.11.2017 and made the following observations:

1. M/s OTPS has installed capacity of 1000 MW. During inspection M/s OTPS was found operational and inspection team carried out stack monitoring of Unit-9 (200 MW).
2. The concentration of PM during manual monitoring in Units-1 was observed to be 52 mg/Nm³ against the consented limit of 100 mg/Nm³. The PM emission from both the units were found 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. It was noted that part of the process effluent finds its way to Jharia nala (a natural sewage carrying drain passing through the Unit). The effluent quality sample was tested and it was found that the TSS (496 mg/l) parameter was found to be non-complying with prescribed standards (100 mg/l).
5. M/s OTPS has established Ash Water Recirculation System but its poor maintenance has resulted in Ash slurry reaching river Rihand and may adversely impact its quality.
6. M/s OTPS has installed OCEMS for stack monitoring in the stacks of Unit-9, 10 and 11 which are connected with CPCB server. However, connectivity of OCEMS for stack emission data of Unit-12 and 13 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

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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 Obra 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 OTPS 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.
2. M/s OTPS shall ensure that all the process streams are effectively integrated and subjected to necessary treatment and entire treated effluent is utilized in the process.
3. M/s OTPS shall improve its dust suppression system in order to minimise fugitive emission in CHP area and other areas.
4. M/s OTPS shall install OCEMS in Unit- 12 & 13 and establish connectivity of same with CPCB server.

M/s Obra 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

07.12.17

Copy to:

1. The Chairman
Uttar Pradesh Pollution Control Board
IIIrd Floor PICUP Bhawan
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. The Regional Director - West,
Central Pollution Control Board
PICUP Bhawan, Ground Floor
Vibhuti Khand, Gomti Nagar
Lucknow-226010
4. The Divisional Head - IT, CPCB

(A. Sudhakar)
Member Secretary