



SPEED POST

May 07, 2018

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

To

The General Manager
Raichur Thermal Power Station
Karnataka Power Corporation Limited
Shakthinagar, Dist Raichur - 584 170, Karnataka

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Raichur Thermal Power Station, Shakthinagar, Karnataka - confirmation 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, directions under section 5 of the Environment (Protection) Act, were issued on July 21, 2015 to M/s Raichur Thermal Power Station (RTPS), Shakthinagar, Karnataka 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, based on the observations made by the inspecting team from Regional Directorate, South (Bengaluru), vide letter no. B-33014/07/2018/IPC-II/TPP/ dated February 13, 2018, M/s Raichur Thermal Power Station (RTPS), Shakthinagar, Karnataka was directed to show cause as to why your unit should not be closed for the shortcomings highlighted by the inspecting team and environmental compensation be not imposed in respect of the violations. Further, M/s RTPS was directed to immediately initiate necessary action in respect of the following:

1. That M/s RTPS shall complete the installation and connectivity of Continuous Emission Monitoring System for Particulate Matter and Effluent Quality Monitoring System with CPCB server for all parameters as per the CPCB directions within one month and submit plan for connectivity of CEMS for SO₂ and NO_x.
2. That M/s RTPS shall provide separate port holes for manual stack monitoring and improve stack monitoring facilities as per CPCB guidelines given in Emission Regulation Part 3 during next outage of units.
3. That M/s RTPS shall ensure proper treatment of industrial effluent and sewage to comply with the consented limits for all parameters and submit documentary evidence for compliance of norms by STP effluent within one month.

WHEREAS vide letter dated March 16, 2018, M/s RTPS has submitted the following status of compliance:

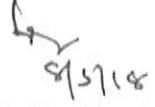
1. That M/s RTPS has installed SO₂ & NO_x analysers and connected it with CPCB server for Unit- 1,2,3,4,5,7 and the PM analysers are yet to be connected for Unit-1 to 5 and 7 due to ongoing maintenance. The EQMS has also been installed and connected with CPCB server. The CEMS for Unit- 6 & 8 are under maintenance, hence not connected. The complete work will be done soon.

2. The facility for manual stack monitoring is currently provided in the duct at the downstream side of ID fan in all 8 units. Stacks provided to Unit-1, 2 & 3 are more than 30 years old. The feasibility of providing port holes as per Emission Regulation Part 3 will be studied and implemented to meet requirements.
3. The effluent generated from Plant is treated through ETP and domestic waste through STP. The monthly monitoring report of STP outlet for Feb 2018 is enclosed, in which TSS is found to be 18.2 mg/l.

WHEREAS, M/s RTPS has been directed on 11.12.2017 to install/upgrade ESPs and install FGD in all units by March 2021 to Dec 2022 as per plan submitted by MoP to meet revised emission norms;

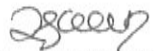
WHEREAS, Ministry of Environment & Forests, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, 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 incomplete installation/ connectivity of CEMS and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Raichur Thermal Power Station, Shakthinagar, Karnataka is hereby directed that Unit nos. 1 to 8 shall not be operated with immediate effect till the connectivity of opacity meters is established to CPCB server.


(S.P.S. Parihar)
Chairman

Copy to:

1. The Chairman
Karnataka State Pollution Control Board
"Parisara Bhavan", #49,4th & 5th Floor,
Church Street, Bangalore 560 001
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 - South,
Central Pollution Control Board
1st & 2nd Floors, Nisarga Bhavan, A-Block,
Thimmaiah Main Road, 7th D Cross,
Shivanagar, Bengaluru -560 079
4. The Divisional Head - IT, CPCB


(A. Sudhakar)
Member Secretary