

SPEED POST

July 02, 2018

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

To

The General Manager  
M/s Sagardighi Thermal Power Station  
West Bengal Power Generation Corporation Ltd.  
P.O: Monigram, P.S: Sagardighi, Murshidabad- 742 237,  
West Bengal

**Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Sagardighi Thermal Power Project, WBPDC, Murshidabad, West Bengal - 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, directions under section 5 of the Environment (Protection) Act, were issued on July 21, 2015 to M/s Sagardighi Thermal Power Project (STPP), WBPDC, Murshidabad, West Bengal for installation of Online Continuous Emission & Effluent Monitoring Systems (OCEMS) for parameters namely PM, SO<sub>2</sub>, NO<sub>x</sub> & pH, TSS, Temperature & Flow and submission of the status; and

WHEREAS, M/s Sagardighi Thermal Power Project (STPP) has been directed on 11.12.2017 to install FGD in Unit -1 to 4 by March 31, 2020 to March 31, 2022 to comply with SO<sub>2</sub> emission norms and retrofit/ upgrade ESPs in Unit- 1 & 2 by December 31, 2020 and March 31, 2021 respectively as per plan submitted by MoP;

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 Sagardighi Thermal Power Project (STPP) on May 24, 2018 and made the following observations:

1. Emission from Unit-3 was found non-complying with the prescribed standards. The concentration of PM during manual monitoring in Units-3 was observed to be 59 mg/Nm<sup>3</sup> against standard of 50 mg/Nm<sup>3</sup> which indicates improper O&M of ESPs. As per online monitoring system, the average concentration of PM from Unit- 3 was found to be 59 mg/Nm<sup>3</sup>.
2. The waste water generated from the Plant is collected into guard pond, the over flow of which is allowed to flow into a canal, which meets Bhagirathi River after travelling a distance of 4.2 Km. It was informed that the industry is in process of adopting zero discharge and the proposal of zero discharge is under tendering process.
3. The CTO of M/s STPP under Air and Water Acts, 1981 & 1974 is valid up to 28.02.2019. The Hazardous Waste Authorisation of M/s STPP has expired on 30.04.2015 and the Plant has applied for its renewal.

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 the non-compliances mentioned above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Sagardighi Thermal Power Project (STPP), WBPDC, Murshidabad, West Bengal is directed to show cause as to why the Unit- 3 of the plant should not be closed for the shortcomings as highlighted above and environmental compensation be not imposed in respect of these violations.

M/s Sagardighi Thermal Power Project (STPP), WBPDC, Murshidabad, West Bengal is further directed to immediately initiate necessary action in respect of the following:


1. That Plant shall ensure to obtain Hazardous Waste Authorization from WBPCB and submit a copy to CPCB.
2. That Plant shall take corrective measures in emission control systems so as to comply with PM emission limit (50 mg/Nm<sup>3</sup>) in Unit - 3 and submit emission monitoring report from an EPA recognised lab as evidence in this regard within one month.
3. The Plant shall submit a time bound action plan for achieving zero discharge within one month.

M/s Sagardighi Thermal Power Project (STPP), WBPDC, Murshidabad, West Bengal shall submit its reply to show cause notice within 15 days and compliance report on above within one month from the date of issue of the directions. In case of failure, the Board will be constraint to initiate action as deemed necessary and appropriate in the circumstances under the Environment (Protection) Act, 1986.

  
(S.P.S. Parihar)  
Chairman

Copy to:

1. The Chairman  
West Bengal Pollution Control Board  
Paribesh Bhawan, 10-A, Block LA,  
Sector III, Salt Lake City, Kolkata - 700 091
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 - 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

  
(Divisional Head-IPC-II)