AMENDMENT TO THE CFE ORDER

Order No. 177/APPCB/ CFE/RO-NLR/HO/2009  20/08/2019

Sub: APPCB - CFE - M/s. Sembcorp Energy India Limited (formerly M/s. Thermal Powertech Corporation (India) Ltd), Painampuram & Nelaturu Villages, Muthukur Mandal, SPSR Nellore District – Industry request to increase the ash pond capacity by increasing the height of the Ash Dyke Walls of first ash pond by 5.5 m. – NOC – CFE Amendment to CFE order – Issued – Reg.

Ref: 1. EC order dt. 04.11.2009.
2. CFE order dt. 15.05.2010.
5. CFE Committee meeting held on 08.08.2019.
6. Industry’s lrs. dt. 08.08.2018, 16.08.2019 received on 19.08.2019.

M/s. Sembcorp Energy India Limited (formerly M/s. Thermal Powertech Corporation (India) Ltd.) has obtained EC from MoE&F, GOI for Electric Power Generation – 1980 MW (Stage 1 - 2 x 660 MW & Stage 2 (1 x 660 MW)) in the total extent of 1367 acres at Painampuram & Nelaturu Villages, Muthukur Mandal, SPSR Nellore District vide reference 1st cited.

The industry obtained CFE for establishing Power generation – 1980 MW Plant (Stage 1 - 2 x 660 MW=1320 MW & Stage 2 (1 x 660 MW)) from the Board vide reference 2nd cited.

Subsequently, the industry obtained CFO from the Board for Power generation capacity – 1320 MW (2 x 660 MW) vide CFO Order No. APPCB/VJA/NLR/930/HO/CFO/2016 dated 21.11.2016, for stage – I which is valid up to 30.11.2021.

The industry vide reference 3rd cited informed that the total area allocated for ash pond is 210 acres. It is divided into two ash ponds i.e., first ash pond 89.3 acres and second ash pond 98.0 acres. It was requested for NOC for proposal to increase the first ash pond capacity by increasing the height of Ash Dyke Walls (ash pond bund) from 4.5 m to 10 m. In the EC order, area of ash pond mentioned as 210 acres. Capacity of ash pond was not mentioned. In the present proposal the industry is not increasing the area of ash pond.

The EE, RO: Nellore submitted report vide reference 4th cited in this regard. The item was placed before the CFE Committee meeting held on 08.08.2019 and the Committee recommended for amendment as requested by the proponent.

The Board after careful scrutiny of the representation of the unit, report of the Regional
Officer and recommendations of the CFE Committee, hereby issues amendment to the CFE order issued vide reference 2\textsuperscript{nd} cited as following:

- Permission is accorded to increase the height of the ash pond dyke walls (ash pond bund) of first ash pond from 4.5 m to 10 m, to increase the capacity of ash storage. Total area of ash ponds shall not exceed 210 acres.

- The industry shall submit action plan on 100\% ash utilization as directed by the MoEF & CC, GoI, New Delhi from time to time. The entire dry fly ash shall be utilized for Cement manufacturing / Brick manufacturing / Road formation etc.,

- The saline water shall not be used for disposal of excess fly ash into the ash pond as it is not suitable for consumption by the cement industries. Hence, the industry shall explore the possibility to use water from de-salination plant for disposal of fly ash.

- The industry shall install sprinklers at lagoon “B” (2nd ash pond) within 3 months and after completion of height raising at lagoon “A” (1st ash pond) sprinklers shall be installed at lagoon “A” as committed vide letter dt. 08.08.2019.

- All other conditions mentioned in the order issued vide reference 2\textsuperscript{nd} cited remain the same.

VIVEK YADAV IAS, MS(VY), O/o MEMBER SECRETARY-APPCB
MEMBER SECRETARY

To

M/s. Semcorp Energy India Limited, (amend)
(formerly M/s. Thermal Powertech Corporation (India) Ltd),
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Copy to: 1. The JCEE, Z.O: Vijayawada for information and necessary action.