MINUTES OF THE CFE COMMITTEE MEETING HELD ON 21.12.2018
AT ANDHRA PRADESH POLLUTION CONTROL BOARD,
NEAR PUSHPA HOTEL CENTRE, BEHIND SUNRISE HOSPITALS,
KASTURIBAIPET, VIJAYAWADA, A.P.

The following were present:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Member</th>
<th>Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sri B.S.S. Prasad, IFS., A.P. Pollution Control Board.</td>
<td>Chairman</td>
</tr>
<tr>
<td>2</td>
<td>Sri Vivek Yadav, IAS., A.P. Pollution Control Board.</td>
<td>Member Secretary</td>
</tr>
<tr>
<td>3</td>
<td>Dr. V.V. Narayana Reddy, Deputy Director (Scientist), (Retd.), IICT, Hyderabad</td>
<td>Member</td>
</tr>
<tr>
<td>4</td>
<td>Prof. D. Appala Naidu, Dept., of Chemical Engineering, Andhra University, Visakhapatnam.</td>
<td>Member</td>
</tr>
<tr>
<td>5</td>
<td>Dr. V. Ranga Rao, Dept., of Civil Engineering, K.L. University, Guntur.</td>
<td>Member</td>
</tr>
</tbody>
</table>

The Member Secretary has welcomed the members of the Committee. After general introductory remarks on the items placed before the CFE Committee, the Committee took up agenda, item wise. The decisions of the CFE Committee on each item are recorded below.
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 21.12.2018

ITEM NO. 1 M/s. Oil & Natural Gas Corporation Ltd., Exploratory drilling well (MDAM) at Suryaraopeta Village, Alamuru Mandal, East Godavari District - Applied for CFE & CFO – Reg.

The Committee noted the following:

a) M/s. ONGC applied for CFE & CFO of the Board for exploratory drilling of one well i.e., MDAM for Oil & Gas at Suryaraopeta (V), Alamuru (M), East Godavari District.

b) As per Board's circular dt. 02.02.2013, CFE & CFO may be considered for the proposed well for one year.

After detailed discussions, the Committee recommended to issue CFE & CFO for one year.


The Committee noted the following:


b) The industry obtained CFE expansion to produce the Engineering Plastics of capacity 36.67 TPD vide order dt. 04.05.2017, wherein the Board stipulated following condition:

"The industry shall obtain the clarification from the MoEF & CC regarding applicability of EIA Notification for the proposed additional product. If the Ministry clarifies that the industry does not require EC, the industry can start production of the additional product. Otherwise, the industry shall comply with the directions issued by the MoEF & CC."

c) Subsequently, the industry requested the Board to issue amendment to the CFE expansion order dt. 04.05.2017 for deletion of above condition as the MoEF & CC, Gol, New Delhi vide amendment to EIA Notification dt. 25.06.2014 had exempted manufacture of products from polymer granules from the purview of EIA Notification.

d) In this regard, the Board issued amendment to CFE vide order dt. 07.08.2017 duly deleting the above condition.

e) Now, the industry applied for CFE expansion to enhance the production capacity of Engineering Plastics from 36.67 TPD to 62.5 TPD by installing additional extruders in the existing shed with an additional investment of Rs. 20 Crores.

The representatives of the project proponent attended and requested to issue CFE for expansion.

After detailed discussions, the Committee recommended to issue CFE for expansion.

MEMBER SECRETARY

CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 21.12.2018

ITEM NO. 3 M/s. Vijayasri Pharma Pvt. Ltd. (Division-I), Plot No. 22G, APSEZ, De-Notified Area, Lalamkoduru (V), Rambilli (M), Atchutapuram, Visakhapatnam District - Applied for CFE – Reg.

The Committee noted the following:

a) The Board issued CFE to M/s. Vijayasri Pharma Pvt. Ltd., to establish Bulk drug and Intermediate manufacturing unit at Plot No.22G, APSEZ, De-Notified Area, Lalamkoduru (V), Rambilli (M), Vishakhapatnam District in an area of 5.48 acres.

b) Now the proponent proposed to establish Bulk drug and Intermediate manufacturing unit (M/s. Vijayasri Pharma Pvt. Ltd. (Division-II)) in 3.0 acres and standalone Solvent Recovery Unit (M/s. Vijayasri Pharma Pvt. Ltd. (Division-I)) in 2.48 acres duly bifurcating total area of 5.48 acres.

c) The Regional Officer reported that the industry has not submitted the approval letter from the APIIC for the bifurcation of the land in to two parts and for the establishment of the standalone solvent recovery unit and for API unit.

d) The proponent has to clarify whether the proposed Solvent Recovery Unit is for captive use or accepts Solvents from outside industries.

e) The proponent has to clarify whether separate boilers proposed for Solvent Recovery Unit (M/s. Vijayasri Pharma Pvt. Ltd., Division – I) and for Bulk drug and Intermediate manufacturing unit (M/s. Vijayasri Pharma Pvt. Ltd. Division-II).

The representatives of the project proponent attended the meeting and informed the following:

1. They have already submitted letter to APIIC requesting for bifurcation of land into two parts and awaiting for approval.

2. They will procure Spent Solvents from outside industries to produce recovered solvents.

3. Requested the Committee to send the pretreated effluents to CETP, JN Pharma City till CETP of M/s. AETL commences its operations.

4. The proponent vide Ir.dt. 21.12.2018 informed that separate Boiler and DG Sets will be operated for Division – I and Division - II. But, informed the committee that they will not install Boiler and DG Set at Division – I. Instead they will install 10 TPH Boiler and 1000 KVA DG Set at Division – II.

After detailed discussions, the Committee directed the proponent to submit revised water balance air pollution sources and solid waste details and recommended to issue CFE after receipt of the information and with following conditions:

➢ "The proponent shall submit approval letter from APIIC regarding bifurcation of the project area."

➢ If the capacity of CETP, JNPC is not sufficient in future, then the industry should stop production till CETP of M/s. JETL commences its operations.

[Signatures]

MEMBER SECRETARY

CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 21.12.2018


The Committee noted the following:

a) The Board issued CFE to M/s. Vijayasri Pharma Pvt. Ltd., to establish Bulkdrug and Intermediate manufacturing unit at Plot No.22G, APSEZ, De-Notified Area, Lalamkoduru (V), Rambilli (M), Vishakhapatnam District in an area of 5.48 acres.

b) Now the proponent proposed to establish Bulk drug and Intermediate manufacturing unit (M/s. Vijayasri Pharma Pvt. Ltd. (Division-II)) in 3.0 acres and standalone Solvent Recovery Unit (M/s. Vijayasri Pharma Pvt. Ltd. (Division-I)) in 2.48 acres duly bifurcating total area of 5.48 acres.

c) The Regional Officer reported that the industry has not submitted the approval letter from the APIIC for the bifurcation of the land in to two parts and for the establishment of the standalone solvent recovery unit and for API unit.

d) There is no change in products, water consumption and waste water generation of the current proposal i.e. M/s. Vijayasri Pharma Pvt. Ltd. (Division-II) when compared to the CFE order dt. 22.11.2016. Capacities of Boiler and DG Set are increased.

e) In the current proposal the industry proposed to send the effluent to CETP of M/s. AETL, Atchutapuram instead of ZLD system as consented earlier.

f) Solid Waste Generation in the current proposal is same. But MEE salts should not be there as ZLD system is not proposed.

g) The proponent has to clarify whether the Spent solvents generated from the proposed unit are recovered within the premises or sent to outside for recovery.

h) The CFE order dt. 22.11.2016 issued to M/s. Vijayasri Pharma Pvt. Ltd., needs to be cancelled as the site is bifurcated and two different units proposed to be established.

The representatives of the project proponent attended the meeting and informed the following:

1. They have already submitted letter to APIIC requesting for bifurcation of land into two parts and awaiting for approval.

2. Requested the Committee to send the pretreated effluents to CETP, JN Pharma City till CETP of M/s. AETL commences its operations.

3. The proponent vide lr.dt. 21.12.2018 informed that separate Boiler and DG Sets will be operated for Division – I and Division - II. But, informed the committee that they will not install Boiler and DG Set at Division – I. Instead they will install 10 TPH Boiler and 1000 KVA DG Set at Division – II.

After detailed discussions, the Committee directed the proponent to submit revised water balance air pollution sources and solid waste details and recommended to issue CFE after receipt of the information and with following conditions:

➢ “The proponent shall submit approval letter from APIIC regarding bifurcation of the project area.”

➢ If the capacity of CETP, JNPC is not sufficient in future, then the industry should stop production till CETP of M/s. JETL commences its operations.

➢ The industry shall surrender the CFE order dt. 22.11.2016 issued to M/s. Vijayasri Pharma Pvt. Ltd.

[Signatures]

MEMBER SECRETARY

CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 21.12.2018

ITEM NO. 5 M/s. Vedanta Limited (Cairn Oil & Gas), Onshore Oil & Gas Exploration Block PKGM – I, Chirayanam Village, Katrenikona Mandal, East Godavari District - Applied for CFE.

The Committee noted the following:


2. M/s. Cairn Energy India Pvt. Ltd., obtained EC from MoE&F, GoI, New Delhi vide order dt. 31.03.2006 for exploratory drilling of two wells and four locations namely TZ – 1,2,3 & 4 in onshore area of PKGM-I Block at Chirayanam Village, East Godavari District.

3. The industry drilled one well (TZ – 1) and obtained CFO also.

4. Now, M/s. Vedanta Limited (Cairn Oil & Gas) applied for CFE & CFO of the Board for Exploratory Drilling of 2nd well in PKGM-I Block at Chirayanam Village, Katrenikona Mandal, East Godavari District. The proponent informed that they had obtained EC vide order dt. 31.03.2006 for exploratory drilling of two wells and obtained CFE vide order dt. 29.12.2003 for one well and now applying CFE & CFO for another well.

5. As per the amended EIA notification dt. 29.04.2015, the validity period of EC is 7 years. Hence, the proponent may be directed to obtain extension to the EC order dt. 31.03.2006 for exploratory drilling of the 2nd well proposed at onshore area of PKGM-I Block at Chirayanam Village, East Godavari District.

6. The Industry requested to issue CFE & CFO duly paying CFE & CFO fee for two years.

The representatives of the project proponent attended the meeting and informed the following:

1. After obtaining CFE dt. 29.12.2003 from APPCB for the two wells, exploratory drilling was carried out at 1st well and closed the same as the site was not commercially viable. Since then they have been maintaining the proposed 2nd well and established a facility for carrying out 3D / 4D seismic modeling studies. Now, proposed to carry out exploratory drilling at the 2nd well.

2. In view of the above, as some activity has been carrying out at the proposed 2nd well and submitting compliance to MoEF&CC, GoI regarding these wells, extension of validity period of EC does not arise.

After detailed discussions, the Committee recommended to issue CFE & CFO for one year as per the Board’s Circular dt.02.02.2013.

[Signatures]

MEMBER SECRETARY

CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 21.12.2018


The Committee noted the following:

a) The CFO order is valid upto 10.08.2021.

b) The industry has applied for change of product mix.

c) The industry proposed to use existing ETP, Stripper and MEE for the proposed change product mix. But, the Physical condition of the ETP, Stripper and MEE is not operational condition.

d) The industry has not dismantled the below ground level tanks till date in spite of specific directions issued vide order dt.13.12.2011. The following below ground level tanks still exist in the industry.

i. Conventional aeration tank (54 m x 13.5 m x 3 m)

e) They disposed 2109 tons of FCE concentrate to cement industry during the period April, 2018 to Oct, 2018 and inorganic salts of about 21 TPD has disposed to TSDF, Parawada during the 18-19. During inspection it was observed that the industry has removed about 250 Tons from Conventional Aeration tank and same is disposed to cement industries (M/sZuari Cements and M/s. Dalmia Cements), for co-processing after processing the same in the premises.

f) The industry has to comply with some of the conditions stipulated by the Board as mentioned above.

g) The proposal cannot be considered as change of product mix for the following reasons:

- Waste water generation is increasing from 99 KLD to 117.2 KLD.
- New solid wastes viz., FCE concentrate – 9 TPD and Inorganic (TEES) salts – 1.2 TPD are generating.

h) If the industry wish to produce the same products as mentioned above, they have to obtain fresh Environmental Clearance. Otherwise, they have to drop some of the products to tally with earlier pollution load.

i) The item is placed before the CFE Committee in its meeting held on 06.12.2018. The representatives of the industry vide mail dt. 5.12.2018 informed that they could not attend the meeting. As there are several conditions to be complied with, the Committee recommended to examine the proposal in the next CFE Committee meeting.

The representatives of the project proponent attended the meeting and submitted the following vide l.r.dt. 21.12.2018:

1. Submitted the revised EMP duly reducing the production capacity so as to limit the pollution loads within the consented capacities.

2. Greenbelt will be develop in 6 acres by the end of March, 2019.


It is further informed to the committee that they are regularly disposing FCE concentrate and Inorganic salts to cement industries / TSDF and requested to regularize the same as these wastes are also mentioned in the CFO & HWA order.

After detailed discussions, the Committee recommended to issue CFE for Change of Product Mix with following condition:

- The industry shall obtain amendment to EC order to include FCE concentrate and Inorganic salts in the Solid Waste.

MEMBER SECRETARY

CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 21.12.2018


The Committee noted the following:

a) The untreated effluents / treated effluents generated from a chemical unit shall not be discharged on land for irrigation. They should be sent to CETP for treatment.

b) Similarly, the domestic waste water has to be disposed into septic tank. The supernatant has to be sent to CETP for treatment, to avoid difficulties in monitoring by the PCB staff.

c) Remaining amendments may be considered.

d) The item is placed before the CFE Committee in its meeting held on 06.12.2018. The representatives of the industry vide mail dt. 5.12.2018 informed that they could not attend the meeting. Hence, the Committee recommended to examine the proposal in the next CFE Committee meeting.

The representatives of the industry vide mail dt. 19.12.2018 requested to postpone their case to the next CFE Committee meeting. Hence, the Committee recommended to examine the proposal in the next CFE Committee meeting.


The Committee noted the following:

1. M/s KMTK Laboratories obtained Environmental Clearance from SEIAA, AP vide order dt. 26.03.2012 for Bulkdrugs and Intermediates manufacturing unit with maximum production capacity of 10 TPM.

2. The Board issued CFE to the Industry vide order dt. 12.06.2012. Subsequently the proponent obtained CFO vide order dt. 22.08.2015 which is renewed with validity period upto 31.01.2022.

3. Now the proponent applied for CFE for Change of Product Mix without increase in production capacity and pollution load.

4. As per the CFE and CFO orders the proponent has to install ZLD system with Stripper, MEE, ATFD, RO Plant and Biological ETP. But as per the RO report the proponent has not yet installed ZLD system. However, the industry is a member unit of M/s. Kondpalli Environotech Pvt. Ltd., (CETP) and proposed to send the HTDS and LTDS effluent to CETP for treatment and disposal.

5. As per the RO report the industry yet to comply with some of the conditions stipulated in the CFO order.

[Signatures]

MEMBER SECRETARY

CHAIRMAN

8
6. As per RO report the industry was fallen sick for the past few years and restarted operations in July'2017. Since then the industry has not been in continuous operations. As per the production details submitted by the industry they are manufacturing only one product i.e. Trityl chloride at an average production of 2600 kg/month whereas the consented capacity of TTBB is 1500 kg/month (50 kgs/day). The above product is manufactured from MLs of recovery trityl chloride supplied by M/s. Vaishnavi life sciences, Hyderabad. The Trityl product is one of the inputs of Stage – II of TTBB (2-(n-triphenyl methyl tetrazoyl)-4-bromo methyl biphenyl). The TTBB is the consented product. Upto April 2018, they have manufactured Unconsented product i.e., Trityl chloride.

7. RO reported that Telangana State Pollution Control Board (TSPCB) through their letter dt: 11.01.2018 addressed to the Member Secretary, APPCB requesting to initiate necessary action against M/s. KMTK Laboratories, Ibrahimpatnam, Vijayawada for illegal dumping of the hazardous waste through unauthorized agencies and to issue necessary directions to the industry for payment of cost incurred for transport, treatment and disposal of the hazardous waste dumped to the TSDF of M/s. Hazardous Waste Management Project (M/s HWMP), Dundigal. As per the instructions, this office submitted a detailed report to JCEE (UH-II) vide lr.dt.04-05-2018.

8. As per the CFE order dt. 12.06.2012 industry has to install Bag filter to the boiler.

9. As per the information submitted by the M/s Kondapalli Envirotech Pvt.Ltd (CETP), Kondapalli, this industry is permitted to send only 2KLD of HTDS effluents and 1KLD of LTDS effluents for treatment and disposal.

The representatives of the project proponent attended the meeting. They have informed as following:

➢ They will install Bag filter to the Boiler.

➢ They will take permission from M/s Kondapalli Envirotech Pvt.Ltd (CETP), Kondapalli, to dispose the additional quantity of effluents to be generated from the proposed product mix to the CETP i.e., HTDS 15.52 KLD and LTDS 5.41 KLD.

➢ Greenbelt will be developed as per the Board’s condition.

After detailed discussions, the Committee recommended to issue CFE after receipt of commitment from the proponent on the above points.