MINUTES OF THE CFE COMMITTEE MEETING HELD ON 02.05.2016
AT APPCB, NSR VILLAS NO. (13 & 17), BESIDE NH-5,
MANGALAGIRI, GUNTUR DISTRICT.

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., Member Secretary</td>
<td>Chairman</td>
</tr>
<tr>
<td></td>
<td>A.P. Pollution Control Board, Hyderabad.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Dr. V.V. Narayana Reddy, Deputy Director (Scientist), (Retd.), IICT, Hyderabad.</td>
<td>Member</td>
</tr>
<tr>
<td>3</td>
<td>Dr. S. Bala Prasad, Department of Civil Engineering, Andhra University.</td>
<td>Member</td>
</tr>
<tr>
<td>4</td>
<td>Dr. V. Ranga Rao, Department 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 02.05.2016

ITEM NO. 1 M/s. Lantech Pharmaceuticals Limited, Chittivalasa (V), Pydibheemavaram Panchavathi, Renasthalam (M), Srikakulam District – CFE & CFO Orders – Amendment to HW Distillation Bottom Residue Quantity - Reg.

After detailed discussions, the Committee recommended to issue amendment to CFE order changing the quantity of Organic / Distillation Bottom Residue as 125.1 kg/day instead of 0.125 kg/day as requested by the industry.

ITEM NO. 2 M/s. Hira Electro Smelters Limited (Formerly M/s. RVR Smelters Private Limited), Plot No. 364 to 387, APIIC, Growth Center, Bobbili (V) & (M), Vizianagaram District – Amendment to CFE order-Reg.

The representative of the project proponent attended the meeting and submitted a letter dt. 30.04.2016 and represented as following:

- The Ferro Manganese Slag available at site (1588 metric tonnes) will be consumed to produce Silico Manganese in the premises within two months (or) sold out to other units.
- Chrome recovery plant will be provided before going for Ferro Chrome production.

The Committee noted the following:

As per CFE (expansion) order dt. 22.06.2012 the industry is permitted to manufacture the following products:

<table>
<thead>
<tr>
<th>Furnace as per our EC</th>
<th>Fe-Mn (TPA)</th>
<th>Si-Mn (TPA)</th>
<th>Fe-Cr (TPA)</th>
<th>Total Quantity (TPA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3x6 MVA; 2x9 MVA &amp; 1x21 MVA</td>
<td>18188</td>
<td>25844</td>
<td>56845</td>
<td>100877</td>
</tr>
</tbody>
</table>

The industry has obtained Amendment of EC vide order dt. 30.09.2015 from MoEF&CC, New Delhi for manufacturing the following products with configuration in the Name of M/s Hira Electro Smelters, Growth Center, Bobbili (V) & (M), Vizianagaram District as following:

<table>
<thead>
<tr>
<th>Furnace as per our EC</th>
<th>Fe-Mn (TPA)</th>
<th>Si-Mn (TPA)</th>
<th>Fe-Cr (TPA)</th>
<th>Total Quantity (TPA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3x6 MVA; 2x9 MVA &amp; 1x21 MVA</td>
<td>100877</td>
<td>Nil</td>
<td>Nil</td>
<td>100877</td>
</tr>
</tbody>
</table>

Now, the industry vide letter dt. 21.04.2016 has requested to amend the CFE order on par with new configuration as per amended Environmental Clearance.

After detailed discussions, the Committee has recommended to issue amendment to CFE order for change of products configurations as mentioned above.
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ITEM NO. 3  M/s Prudential Sugar Corporation Ltd., Prudential Nagar, Koppedu (V), Nindra (M), Chittoor District – issued for CFE Expansion – Reg.

The representative of the project proponent attended the meeting and informed that they want to construct new ETP of capacity 500 KLD. They have submitted a letter dt. 02.05.2016 as following:

- The revised water consumption is as following:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Purpose</th>
<th>Existing</th>
<th>Proposed expansion</th>
<th>Total after expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Process &amp; Washings</td>
<td>700 KLD</td>
<td>500 KLD</td>
<td>1200 KLD</td>
</tr>
<tr>
<td>b)</td>
<td>Boiler make up</td>
<td>50 KLD</td>
<td>45 KLD</td>
<td>95 KLD</td>
</tr>
<tr>
<td>c)</td>
<td>Cooling Tower make -up</td>
<td>32 KLD</td>
<td>23 KLD</td>
<td>55 KLD</td>
</tr>
<tr>
<td>d)</td>
<td>DM Plant Regeneration</td>
<td>20 KLD</td>
<td>20 KLD</td>
<td>40 KLD</td>
</tr>
<tr>
<td>e)</td>
<td>Domestic water</td>
<td>15 KLD</td>
<td>15 KLD</td>
<td>30 KLD</td>
</tr>
<tr>
<td>f)</td>
<td>Clarifier blow down</td>
<td>3 KLD</td>
<td>17 KLD</td>
<td>20 KLD</td>
</tr>
<tr>
<td>Total * (fresh + recycled)</td>
<td>820 KLD</td>
<td>620 KLD</td>
<td>1440 KLD</td>
<td></td>
</tr>
</tbody>
</table>

- The revised waste water generation is as following:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Purpose</th>
<th>Existing</th>
<th>Proposed expansion</th>
<th>Total after expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Process &amp; Washings</td>
<td>594 KLD</td>
<td>391 KLD</td>
<td>985 KLD</td>
</tr>
<tr>
<td>b)</td>
<td>Boiler blow down</td>
<td>14 KLD</td>
<td>5 KLD</td>
<td>19 KLD</td>
</tr>
<tr>
<td>c)</td>
<td>Cooling Tower bleed of</td>
<td>60 KLD</td>
<td>52 KLD</td>
<td>112 KLD</td>
</tr>
<tr>
<td>d)</td>
<td>DM Plant Regeneration</td>
<td>20 KLD</td>
<td>20 KLD</td>
<td>40 KLD</td>
</tr>
<tr>
<td>e)</td>
<td>Domestic</td>
<td>12 KLD</td>
<td>12 KLD</td>
<td>24 KLD</td>
</tr>
<tr>
<td>Total * (fresh + recycled)</td>
<td>700 KLD</td>
<td>480 KLD</td>
<td>1180 KLD</td>
<td></td>
</tr>
</tbody>
</table>

- The industry confirmed that they have installed on-line stack monitoring system for the existing boilers on 02.04.2016.

After detailed discussions, the committee recommended to issue CFE expansion.


The Committee noted the following:

1. In the proposed expansion the industry has not proposed any additional induction furnaces. However, the proponent has not explained how he is going to expand the auto parts from 30.0 lakh pieces / annum to 60.0 lakh pieces /annum.

2. If the industry proposes additional induction furnace for expansion of auto parts, EC is required otherwise EC is not required.

3. The proponent has to explain how he is going to expand the auto parts from 30.0 lakhs pieces / annum to 60.0 lakh pieces / annum.

The representative of the project proponent attended the meeting and informed as following:

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- The industry manufactures spare parts of automobiles. The average weight of the spare parts varies from 1.8 kg to 4.0 kg depending upon the size.

- The permitted capacity of the foundry is 60,000 tones / annum.

- Now, the industry obtained orders to manufacture less weight spare parts. With the same furnace capacity, the industry can produce more number of automobile components of less weight.

After detailed discussions, the committee recommended to issue CFE (expansion) with the following condition after receipt of commitment from the industry on the above points:

> Copy of the CFE expansion order shall be communicated to the MoEF & CC, Gol, New Delhi for information.


The representative of the project proponent attended the meeting. They have submitted a letter dt. 02.05.2016 as following:

- It is committed that the effluents generated in the unit will be neutralized and filtered. The filtrate would be evaporated in the land premises in forced evaporation system (5 KL capacity) with condenser. The condensate will be collected in a dedicated tank to re-cycle for cooling purpose.
- The concentrate will be sent to TSDF.

After detailed discussions, the committee recommended to issue CFE with a condition that the effluent shall not be disposed on-land. It shall be forced evaporated.


The representative of the project proponent attended the meeting. The Committee noted that the industry has not complied with the following conditions stipulated by the Board.

1. The Board issued CFO to the existing industry vide order dt. 19.04.2015. Even after lapse of one year, the industry has not provided the following as per the CFO conditions:
   a. Online pH meter to the double stage scrubber.
   b. VOC meter.
   c. Shed for storage of drums.
   d. Shed for storage of coal.
   e. Storm water drains.

2. The industry is not filing water cess returns.

3. The industry has not started lifting the organic waste and inorganic salts to the TSDF. About 2.0 tons of organic waste and 1.5 tons of inorganic waste exist in the premises.

4. The industry is not segregating the effluent into HTDS and LTDS and combined effluent being sent to CETP.

The industry informed that they would comply with the conditions stipulated by the Board shortly. The Members of the Committee pointed out some discrepancies in the EMP report submitted by the industry, and requested to furnish revised EMP report.

After detailed discussions, the Committee recommended to issue CFE subject to submission of commitment of the industry to comply with above conditions and submission of revised EMP.

[Signature]

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ITEM NO. 7  Mis. Victory Bio Tech., Sy. No. 128/B, Chinapalakaluru Village, Guntur Rural (Mandal), Guntur District - CFE rejected at RO, Review at HO.

The representative of the project proponent attended the meeting. The Committee noted the following:

The EE, RO: Guntur vide ir. dt. 15.03.2016 rejected the application based on the recommendations of the CFE Committee at Head Office. Now, the EE, RO: Guntur vide ir. dt. 02.04.2016 informed as following:

➢ The General Manager, District Industries Centre, Guntur vide ir. dt.17.03.2016 has addressed a letter to RO, Guntur stating that "M/s. Ganesh Agro Products was earlier issued Pollution Acknowledgment for manufacture of "Neam Powder". Now M/s. Victory Bio-Tech applied for CFE from APPCB for their proposed products of Micronutrients & Bio-Pesticides. Since, both of the proposed products were different and the sheds were separated by common wall and entrance to sheds are different, and recommended the proposal of CFE may be considered for issue of consent".

➢ The proponent vide ir. dt. 24.03.2016 has requested for issue of CFE to their proposed industry as the District Industries Centre has also issued No objection certificate for issue of Consent for Establishment.

➢ In view of above, it is requested to take further necessary action on the issue of CFE to M/s. Victory Bio Tech, Sy. No. 128/B, Chinapalakaluru Village, Guntur Rural (Mandal), Guntur District.

After detailed discussions, the Committee recommended to direct the RO: Guntur to verify the facts mentioned in the GM, DIC ir. dt. 17.03.2016. If the facts are correct, the RO is directed to issue the CFE to the industry.

ITEM NO. 8  9.910 Ha Colour Granite Mine of Sri L. Srinivas, Sy.No.39, Veerabadrapeta(V), cheedikada(M), Visakhapatnam District - Rejected ZO; Visakhapatnam and forwarded to HO for review.

The Committee noted that the CFE Committee at ZO: Visakhapatnam recommended to reject the proposal as the proposed mining activity may cause surface water pollution in the water pond existing adjacent to the proposed site and submitted report to Head Office for review and to take a decision.

The representative of the project proponent attended the meeting. It was informed that the pond will not be disturbed due to mining operations. Blasting will not be there in the mine. Granite blocks will be extracted by filling with water and chemical powder manufactured in China in the holes drilled in the Granite block. The chemical powder paste causes a split in the Granite block. Granite blocks of different sizes will be cut by using a metal wire studded with diamonds. Dust will be generated due to movement of trucks. It will be controlled by sprinkling water on the road.

After detailed discussions, the committee felt that they may not be any adverse impacts due to this mining activity. Hence, the Committee recommended to direct the JCEE, ZO: Visakhapatnam issue CFE order.

[Signature]

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ITEM NO. 9 6.53 Ha Colour Granite Mine of Stone Plus, Sy.No. 31, Veerabadrapeta (V), chedikada (M), Visakhapatnam District - Rejected at ZO: Visakhapatnam and forwarded to HO for review.

The representative of the project proponent attended the meeting. The Committee noted the following:

- The CFE Committee at ZO: Visakhapatnam recommended to reject the proposal as the proposed mine is at a distance of 40.0 m from the Kondapudi (V) against norm of 45.0 m mentioned by the Director of Mines. The ZO: Visakhapatnam submitted the recommendations to Head Office for review and to take a decision.
- The proponent obtained EC for the proposed mine vide order dt. 18.01.2016.
- The representative of the industry informed that the village is about 100 m from the habitation and requested to consider their application as they have already obtained Environmental Clearance.

After detailed discussions, the committee recommended to measure the actual distance between the Mine and human habitation in the presence of the JCEE, ZO: Visakhapatnam, EE, RO: Visakhapatnam and the representative of the industry. If the distance is more than 45 m, the ZO: Visakhapatnam is directed to issue the CFE, within a week. Otherwise, the CFE shall be rejected, within a week.

ITEM NO. 10 M/s. Avanthi Traders, R.Sy.No.228/2, Hamsavaram Village, Tunli Mandal, East Godavari District - CFE rejected at RO: Kakinada, review at Head Office.

The Committee noted the following:

- The RO: Kakinada rejected the proposal as the proposed site is at a distance of 263 m from H. Kothuru village (100 houses) against the siting guidelines of 300 m.
- The proponent vide lr. dt. 04.04.2016 requested to re-consider the application on the following grounds:
  a) They proposed only baby boiler of 200 kg/hr capacity and biomass briquettes will be used as fuel.
  b) The boiler will run only one hour per day.
  c) Obtained permissions from Factories, Panchayat and land conversion.
- There will be no water pollution from the industry except domestic waste.

The representative of the project proponent attended the meeting and informed that the human habitation is more than 300 m from the proposed site and requested to consider their application.

After detailed discussions, the committee recommended to measure the actual distance between the proposed site and human habitation in the presence of the JCEE, ZO: Visakhapatnam, EE, RO: Visakhapatnam and the representative of the industry. If the distance is more than 300 m, the ZO: Visakhapatnam is directed to issue the CFE, within a week. Otherwise, the CFE shall be rejected, within a week.

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ITEM NO. 11  M/s. Suryodaya Infra Projects (I) Private Limited, Sy.No. 34A, 36B & 37, Malpanagudi(V), D.Hirehal(M), Anantapur District - CFE rejected at ZO: Kurnool. Request of the proponent to re-consider the application.

The representative of the project proponent attended the meeting. The Committee noted that this item was placed before the CFE Committee meeting held on 09.03.2016 at ZO: Kurnool. The committee recommended to reject the CFE to the industry as the site is not meeting the siting guidelines of the Board. Accordingly, the CFE application was rejected vide Ir. dt. 10.03.2016 by the JCEE, ZO: Kurnool.

Now, the proponent vide Ir. dt. 06.04.2016 requested to reconsider their application stating that they have established the unit in the same premises, in which the Board accorded CFE to establish a stone crushe, earlier. Same machinery is being used to produce Robo sand. Hence, the proponent requested to re-consider their application on humanitarian grounds as they are suffering from financial problems.

After detailed discussions, the committee recommended to direct the JCEE, ZO: Kurnool to issue CFE after receipt of the following from the project proponent.

a) Commitment from the proponent to provide necessary water sprinklers for dust suppression.

b) The industry shall be shifted to another suitable place, if there is a complaint and causing pollution to the surrounding areas.


The Committee noted the following:

The item was placed before the CFE Committee at ZO: Visakhapatnam in its meeting held on 20.04.2016. After detailed discussion, the committee recommended for rejection of CFE application on the following reasons:

1. The proposed industry is a prawn processing unit of capacity 5 TPD with an investment of Rs. 4.2 crores.

2. The proposed site of the industry is located just adjacent to Peravali to Nidadavole Road towards western side. Whereas, as per the transportation guidelines, the distance between the boundary of the industry and the edge of the DMR/village road shall be 25 meters.

3. As per the CPCB document on slaughter house, Meat and sea food processing the fresh water consumption - 6.6 m³/ton and wastewater generation- 5.9 m³/ton of prawn processing, therefore the water consumption is 33 KLD and wastewater generation is 29.5 KLD for processing of prawns - 5 TPD, but the industry had not submitted any proposals for treatment of wastewater and the industry has applied low quantities of water and waste water generation.

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4. The industry requires about 2.95 acres of land for utilization of treated wastewater for onland irrigation. Whereas as the industry has total area of 3520.65 sq.mts (0.87 acres) and built up area of 729 sq.mts. The industry is left with 2790.89 sq.mts (0.69 acres) of open land, which is not sufficient to use the treated wastewater for onland irrigation.

5. The industry has not paid the balance CFE fee of Rs.6,300/-

6. There is a Sasi school and Engineering college is existing at a distance of about 250 m from the proposed industry and the RO, Eluru reported that there was a complaint against this unit objection its establishment, the director of Sasi group of Institutes from number 8888259999 raised his objections for establishment of the proposed industry stating that if industry established they will suffer from the smell nuisance from this industry as it is suppose to be located close to their engineering college.

The representative of the project proponent attended the meeting and requested to consider their application.

After detailed discussions, the committee recommended that the decision taken by the JCEE, ZO: Visakhapatnam to reject the application holds good. The ZO: Visakhapatnam shall take necessary action accordingly. The industry shall pay balance fee.

ITEM NO. 13  M/s. Allegro Speciality Chemicals Private Limited, Sy No.60/P, Industrial Park, Attivaram (V), Ozili (M), SPS Nellore District - Applied for CFE. Application returned by the ZO; VJA, proponent’s representation forwarded to HO for review.

The representative of the project proponent attended the meeting. The Committee noted the following:

1. As per the details, the proposed process for manufacture of Sodium Methoxide Powder is Synthetic Organic Chemical Industry only. The CFE committee in the previous meetings also noted that the product is a synthetic organic chemical.

2. The JCEE, ZO: Vijayawada vide letter dated 24.07.2015 returned the CFE application to the proponent with a suggestion to obtain Environmental Clearance. Further, the Head Office of the Board advised the project proponent vide letter dt. 07.01.2006 to obtain Environmental Clearance. But, the proponent did not apply to obtain Environmental Clearance.

3. The representative of the industry submitted a copy of the letter dated 26.04.2016 addressed to the Member Secretary by the VC & MD of APIC. In the letter it was requested to issue CFE for the industry subject to condition that park level EC is to be produced by the unit at the time of seeking CFO so as to start the construction activity by the said industry. APIC would take necessary steps to get the EC for the whole industrial park from MoEF at the earliest.

4. After detailed discussions, the committee noted that the industry cannot start construction of the project without obtaining Environmental Clearance, even though the CFE order is issued. Hence, it is recommended to issue CFE order after submission of a copy of the Environmental Clearance by the industry.

In view of the above, the proponent is once again directed to obtain Environmental Clearance for the proposed industry.

[Signature]
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The representative of the project proponent attended the meeting. The Committee noted the following:

- The industry is yet to obtain Environmental Clearance from MOEF, CC, GOI.
- The representative of the industry requested to issue necessary orders to start construction of the project and they would submit copy of the EC order as soon as they obtain the same.
- The Board issued CFE (exp) order dt. 22.12.2009 for the following products:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Products</th>
<th>Existing capacity</th>
<th>Proposed capacity</th>
<th>Total capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Cement clinker</td>
<td>2.5 MMTPA (7250 TPD)</td>
<td>0.3 MMTPA</td>
<td>2.8 MMTPA</td>
</tr>
<tr>
<td>2.</td>
<td>Cement</td>
<td>2.6 MMTPA</td>
<td>1.05 MMTPA</td>
<td>3.65 MMTPA</td>
</tr>
<tr>
<td>3.</td>
<td>Captive Power plant Thermal Power</td>
<td>36 MW</td>
<td>Nil</td>
<td>36 MW</td>
</tr>
<tr>
<td>4.</td>
<td>Captive Power plant DG sets (standby )</td>
<td>10 MW</td>
<td>Nil</td>
<td>10 MW</td>
</tr>
</tbody>
</table>

It is observed that the industry removed DG set of capacity 7500 KVA. Hence, the generation capacity of electricity by DG sets will be reduced. The industry has to submit the present capacity of the electricity generated through DG sets.

After detailed discussions, the committee noted that the industry cannot start construction of the project without obtaining Environmental Clearance, even though the CFE order is issued. Hence, it is recommended to issue CFE order after submission of a copy of the Environmental Clearance and details of present capacity of the electricity generated through DG sets.

[Signature]
MEMBER SECRETARY