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 A.P. Pollution Control Board, Hyderabad.</td>
<td>Chairman</td>
</tr>
<tr>
<td>2</td>
<td>Dr. S. Bala Prasad, Dept., of Civil Engineering, Andhra University.</td>
<td>Member</td>
</tr>
<tr>
<td>3</td>
<td>Dr. A. Gangagni Rao, Senior Principal Scientist, IICT, Hyderabad</td>
<td>Member</td>
</tr>
<tr>
<td>4</td>
<td>Dr. N. Chitti Babu, Dept., of Chemical Engineering, Andhra University, Visakhapatnam.</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 01.04.2017

ITEM NO. 1 M/s. Agrisol (India) Pvt Ltd, Sy. No. 163, 164 & 165, Udomulapadu (V), Dhone (M), Kurnool District – Issue of CFE – Reg.


In order to comply with the time limits stipulated by the Government, the Board issued CFE order dt. 27.03.2017 to the industry. After detailed discussions the Committee ratified the CFE order issued.


The Committee noted the following:

➢ The industry had obtained EC order dt. 02.08.2008 to produce synthetic organic chemicals. Now, it is proposed to establish solvent recovery unit. The solvent recovery unit will not require EC.

➢ The industry obtained CFO amendment vide order dt 23.06.2009 for inclusion of Plot No. 159, APIIC, Industrial Park, Parawada, Visakhapatnam claiming Plot No. 158 to be utilized for green belt development. During the inspection by the staff of APPCB, it was observed that the industry has constructed Production block in plot no 158 & 159 and no green belt was developed.

➢ The industry stored about 2 tons of Hazardous solid waste in the premises without sending to TSDF.

The representatives of the project proponent attended the meeting. He has informed that greenery would be developed in the vacant area. It is proposed to change the line of activity of the project due to financial problems and bad market conditions.

After detailed discussions, the Committee recommended to issue CFE with the following conditions:

➢ The proponent shall inform SEIAA, AP regarding change of activity.

➢ The CFE and CFO orders issued by the Board earlier are cancelled. The proponent shall surrender latest CFO order issued by the Board to the RO: Visakhapatnam.

➢ The proponent shall submit the site layout plan clearly marking the built up area and green belt area. The green belt shall be developed in the vacant area during ensuing monsoon.

➢ The proponent shall lift the total Hazardous solid waste existing in the premises to TSDF immediately and shall submit a copy of manifest to the RO: Visakhapatnam.


The Committee noted that the existing unit M/s. Synthtrix Pharma Labs India Pvt. Ltd., is not in operation and became sick. The new management i.e., M/s. Sionc Pharmaceuticals Pvt. Ltd., purchased the unit through e-auction and named it as M/s. Sionc Pharmaceuticals Pvt. Ltd., Unit – II and applied for CFE for Change of Product Mix.

The representatives of the project proponent attended the meeting. He has assured that they would comply with all the conditions stipulated by the Board. They want to develop greenery in the balance area during ensuing monsoon season.

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

“The industry shall develop green belt in an additional area of 0.95 acre in the ensuing monsoon season”.

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 01.04.2017


The representatives of the project proponent attended the meeting. The Committee noted that the proponent obtained EC vide order dt. 30.12.2016 for construction of a Star Hotel.

After detailed discussions, the Committee recommends to issue CFE subject to submission of the details of disposal of food waste and sludge generated from the STP, with the following condition:

"They shall be no discharge into Bunder Canal under any circumstances".


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

➢ The present proposal is establishment of additional storage facility of “Biodiesel – 1000 KL” in the existing premises.

➢ As the present proposed activity does not come under purview of E.C, the industry has not applied for the same.

After detailed discussions, the Committee recommended to issue CFE with the following condition:

"The proponent shall approach SEIAA, AP to obtain clarification regarding requirement of EC".


The representatives of the project proponent did not attend the meeting. The Committee noted the following:

➢ The Existing unit is bulk drug manufacturing unit and the industry has installed and operating 4.0 TPH boiler without CFE of the Board. The industry informed that they have installed 4.0 TPH boiler in place of existing 1.2 TPH and 2.0 TPH boilers to meet additional steam requirement for MEE and ATFD. The existing boilers are kept as standby.

➢ This was reviewed in the Task Force Committee meeting and directed to obtain CFE for the Boiler. Hence, the industry applied for CFE for the boiler.

➢ The industry has to comply with some of the conditions stipulated by the Board. The industry submitted Bank Guarantee of Rs. 12 lakhs (Rs.10 lakhs + Rs. 2 lakhs) to comply with the directions issued by Task Force Committee.

After detailed discussions, the Committee recommended to issue CFE for the 4.0 TPH boiler.

[Signature]

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 01.04.2017


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

➢ The industry proposed to establish a Bulk drug manufacturing unit at Plot No.27A27, 27A28, 27A40, 27A41, De-Notified Area of APSEZ, Lalamkoduru (V), Rambilli (M), Atchutapuram, Vishakhapatnam District. The proposed unit is located in the de-notified area and falls under the Zone - V.

➢ Earlier, the Board while examining the application of M/s. Aster Industries proposed in the same Zone – V i.e., earmarked for Low polluting and low hazardous – Speciality Chemicals sector, recommended to issue CFE subject to conversion some part of Zone – V into Zone – III by the APIIC.

➢ The industry vide Ir. dt. 01.04.2017 submitted the details of Solvent recovery unit.

After detailed discussions, the Committee recommended to issue CFE subject to conversion some part of Zone – V into Zone – III by the APIIC as it was done earlier in case of M/s. Aster Industries.


The Committee noted the following:

➢ The existing unit is pesticide technical manufacturing unit.

➢ Now the industry proposes for expansion in two Phases to manufacture Agrochemicals, Fine Chemicals, Biotech based organic Chemicals and Establishment of Pharmaceutical unit, Coal based Co-generation Plant, Chlor-alkali, Desalination plant along with inlet and outlet pipelines.

➢ The industry obtained EC and CRZ Clearance vide order dt. 06.03.2017 for the present proposal.

➢ It is proposed to use Ethyl Mercaptans as raw material in manufacturing of one of the intermediates of Clethodium pesticide product. It is proposed to provide condenser, reactive scrubber followed by hypo scrubber to control odour due to handling of ethyl Mercaptans.

➢ The unit is not a ZLD based unit, as some portion of the treated effluents are disposed through marine outfall into Bay of Bengal.

The representatives of the project proponent attended the meeting. It was informed that adequate greenery would be developed between different process blocks viz., Pesticide block, Bulk drug block, Chlor-alkali block etc.,

After detailed discussions, the Committee recommended to issue CFE for expansion with the following conditions:

“Green belt shall be developed between different process blocks viz., Agrochemical, Bulk drug, Chlor-alkali, Thermal Power, etc.”

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 01.04.2017


The representative of the project did not attend the meeting. The Committee noted the following:


b) The Augmentation of Shipyards facilities are mainly Workshop complex, Shore protection jetty, Technical building complex and utility building complex at CRZ-IV area.

c) M/s. Ship Building Centre has obtained CFE (NOC) of APPCB for obtaining Environmental & CRZ Clearance from MOEF&CC vide order dated 04.01.2017.

d) The facility has obtained Environmental & CRZ Clearance from MOEF&CC vide order No. F.No.j-14013/2/2015-IA-I, dated 09.01.2017.

e) The water balance and treatment system proposed are not clear.

After detailed discussions, the Committee recommended to issue CFE subject to submission of the water balance and treatment system of waste water generated.

ITEM NO. 10  M/s. Parry Infrastructure Company Limited (Formerly M/s. Silkroad Sugars Private Limited), Beach Road, Kakinada, East Godavari District – Amendment to CFE order - Reg.

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

- The unit was designed to use natural gas on a co-generation basis for producing both electric power as well as process steam for manufacture of refined sugar using a combination of a gas turbine and Heat Recovery Steam Generator (HRSG). The estimated natural gas requirement was 3,50,000 m³/day. However, the Ministry of Power allocated 1,00,000 M³ of gas which is around 30% of requirement. The Natural gas supplies commenced accordingly from September 2010 and subsequently sugar refinery plant operations too. During November 2011, even the limited supply of natural gas also suspended forcing the plant operations to come to a complete halt.

- The industry obtained amendment to EC vide order dt. 14.03.2012 from SEIAA, AP to install coal based system consisting of 2 Nos boilers and turbines and other associated facilities as fall back arrangement valid for 5 years period from the date of commissioning.

- The industry obtained amendment to CFE vide order dated 21.04.2012 for installation of coal based system as fall back basis valid for 5 years from the date of commissioning.

- The industry obtained amendment to EC vide order dt. 31.10.2016 from SEIAA, AP to operate the plant with coal based system on permanent basis.

- Now, the industry requested the Board to issue amendment to CFE order to operate the plant with coal based system on permanent basis, on par with amendment to the EC.

After detailed discussions, the Committee recommended to issue amendment to CFE on par with amendment to the EC.

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 01.04.2017


The Committee noted the following:

a) The issue was placed before the CFE Committee in its meeting held on 09.03.2017. After detailed discussions, the Committee has recommended to advise the project proponent to obtain extension of validity of EC order and approach APPCB for extension of validity of CFE order.
b) The industry has commissioned 2 Sponge Iron Units (2 Rotary Kilns) and Induction Furnace. The CFO order issued by the Board is valid upto 30.11.2020.
c) The industry vide Ir. dt. 18.03.2017 informed that the 3rd Sponge Iron (3rd Rotary Kiln) and Captive Power Plant are fully established and they are in trial production.
d) The industry requested to issue extension of CFE for 3 years from the date of expiry, so as to apply for CFO of the Board.

The representatives of the project proponent attended the meeting. It was informed that the validity of CFE is required to apply for CFO. The application for CFO would be submitted shortly.

After detailed discussions, the Committee recommended to issue extension of CFE for a period of six months only as 3rd Sponge Iron and captive power plant are established and they are ready for commissioning. There is no need of extension of CFE for 3 years.


The Committee noted that the EE, RO: Nellore submitted a report dt. 01.03.2017 on the above representation as following:

- M/s. Green Tech Industries (India) Private Ltd., APIIC SEZ, Dwarkakapuram (V), Naidupet (M), SPSR Nellore District is using fine Bentonite Powder along with other binding chemicals and casting sand for preparation of castings. This spent black coloured and fine sized Bentonite powder which is being generated in huge quantities from casting section of the industry when operated with full production capacity should be sent for disposal into secured landfill facility or else into an abandoned mine site which is an available disposal option even through said waste is reported to be less worthy of value for reuse or for further applications.
- The indiscriminate dumping of the said waste on the open ground has the potentiality to pollute surface and ground waters as black coloured leachate generates from the dumps of these wastes during rainy season. Moreover monitoring by the Board officials is difficult and the location of the waste generating industry nearer to Tamilnadu state boundary and in respect of transboundary movement of waste which may lead to complex inter-state issues which are difficult to resolve.
- The waste disposal option through third party service provider is not an advisable option in the event of its possibility of dumping the waste in between the interstate boundary which encompasses National Highway and geographical location of prominent Eco sensitive bio spheres viz., Pulicat Lake and Nelapattu Bird Sanctuary with rich Bio-diversity vulnerable to irreversible damage to these sanctuaries, as the waste is not a value added product. Keeping in view of such potential Environmental hazardous due to such type of waste generates from similar type of industry i.e., M/s. Nelcast Ltd., IE, Gudur, SPSR Nellore District, the Board has stipulated a condition in the CFO to M/s. Nelcast Ltd., to dispose – off the waste in an abandoned mine site for waste disposal option in view of several public complaints against pollution problems to the surroundings and now the industry is following the same for disposal of the waste.

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 01.04.2017

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

- The Board issued CFE expansion vide order dt. 09.05.2016 and amendment order dt. 02.02.2017 permitting the proponent to send sand plant rejects for using in road construction.

- The industry approached M/s. Rathna traders, for taking the refractory waste of Induction and Ladle furnaces and waste trapped in pollution control equipments (Bag filters) installed at various locations. They are ready to take these wastes and use in road construction works. As these wastes are non-hazardous in nature and inert materials, the industry requested to permit these wastes also to be re-used for road works through their service providers.

- It was also informed that M/s. Ratna Traders are engaged in similar type of process and exists nearer to Inter State boundary.

After detailed discussions, the Committee recommended that the E.E. R.O Nellore has to inspect M/s. Ratna Traders operating nearer to Inter State boundary and shall submit a detailed report on their mode of disposal waste collected from the other plants. He shall collect copies of CFO and HWM authorization issued by Tamilnadu State PCB to M/s. Ratna Traders.

ITEM NO. 13 M/s. Sri Rajanarasimha Stone Crusher, R. Sy. Nos. 575/2, 3, 4; 529/3, 4, 12; 581/8; 593/1, 2, 4; 595/11, 12 at Mamidivallasa (V), Singupuram via., Srikakulam (M), Srikakulam District - CFE rejected at RO: VZM – Industry request for re-consideration – Reg.

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

- There are other stone crushers operating within 800 m from the human habitation. They have submitted a Google map indicating distances between the stone crushers and human habitation.
- They have requested to re-consider their CFE application and issue CFE order.

The Committee noted the following:

- It is observed from the report of the RO: Vizianagaram that some of the existing stone crushers were established long ago.

- The JCEE, ZO: Visakhapatnam had already conducted a legal hearing on the complaint lodged against the proposed stone crusher. In the legal hearing held on 16.11.2016, the committee felt that no further directions are necessary for the industry as the industry is not in operation since Aug’ 2016 and the RO, Vizianagaram rejected the CFE of the industry*.

- Hence, it is not appropriate to take a decision without obtaining the opinion of JCEE, ZO: Visakhapatnam on above issue.

After detailed discussions, the Committee recommended to obtain a report from the JCEE, ZO: Visakhapatnam on the request of the project proponent for re-consideration of their CFE application, details of existing units, impact of the existing units on human habitation etc., to take a decision on above mentioned request.

[Signature]
MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 01.04.2017


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

- Drum process or boiling process is not proposed to process cashew nuts. No pollution causing units such as boilers, are proposed.
- Cashew grading and packing are only proposed.
- The boundary of the site is located about 250 m from human habitation.
- The road adjacent to the site is an approach road only. It is not a main road of the village.

After detailed discussions the Committee opined that since the process not includes either drum process or boiling process, the siting guidelines are not applicable to this unit. Hence, it is recommended to refer the issue to the EE, R.O: Kakinada to issue CFE to the industry subject to submission of undertaking from the proponent to shift the unit in case of public complaints on air pollution on the unit and if it fails to comply with the prescribed standards.

ITEM NO. 15  APIIC Ltd - APSEZ – Transfer of Consent for Establishment (CFE) of 1.5 MLD CETP (Phase – 1) in the name of M/s. Atchutapuram Effluent Treatment Ltd (AETL) – Reg.

The representatives of the project proponent attended the meeting.

- The Industries and Commerce Department, Government of AP has issued GO. Ms. No. 135, dated 18.10.2016 had approved the project structuring of APIIC Ltd, for construction and operation of CETP in Atchutapuram Industrial Estate through SPV Company in joint venture with Industry members and APIIC Ltd.
- The Atchutapuram Effluent Treatment Ltd., (M/s. AETL) had submitted a copy of Certificate of Incorporation dt. 09.08.2016 issued by the Registrar of Companies.
- A copy of the agreement dt. 09.12.2016 between the APIIC and M/s. AETL is submitted. As per the agreement, the main obligation of M/s. AETL is to construct and operate the CETP and the APIIC is to construct and maintain the marine outfall.

After detailed discussions, the Committee has recommended to transfer the CFE (amend) order dt. 30.10.2015 in favour of M/s. AETL to construct and operate the CETP. The APIIC has to construct and maintain the marine outfall.

[Signature]
MEMBER SECRETARY

The representatives of the project proponent attended the meeting and informed that they would complete the on shore pipe line by end of April 2017.

The Committee noted the following:

➢ The Board issued CFE order dt. 03.03.2012 to M/s. APIIC Ltd., Multi product SEZ (APSEZ) at Atchutapuram and Rambilli Mandalas to establish multi product SEZ with basic infrastructure including CETP, Marine outfall etc., which is valid for 5 years upto 02.03.2017.

➢ But, some of the basic infrastructure facilities such as CETP, Marine Outfall etc., are not yet completed.

➢ As per the Board’s circular dt. 03.06.2016, the validity of the CFE order issued is deemed to have extended for further period of 2 years.

➢ As per the agreement dt. 09.12.2016 between the APIIC and M/s. AETL the main obligation of M/s. AETL is to construct and operate the CETP and the APIIC is to construct and maintain the marine outfall.

After detailed discussions, the Committee recommended to extend the validity of CFE for two more years.

ITEM NO. 17  M/s. Laurus Labs Ltd., Unit – III, Plot No.18, JNPC, Parawada, Visakhapatnam – Amendment to CFE order - Reg

The representatives of the project proponent attended the meeting. They have requested the Committee for amendment of the condition stipulated in CFE order regarding disposal of Detoxified containers, so that they could send the containers to outside agencies instead of APPCB authorized parties.

The Committee noted that in the recent episode occurred; the containers related to some of the industries are dumped illegally. Hence, at present, all containers are being sent to M/s. Ramky CETP only that is having authorized facility for detoxification of drums.

After detailed discussions, the Committee advised the industry to send the containers to Ramky facility only for time being as outside agency may not have authorization. Similar condition shall be stipulated to other industries also.


The representatives of the project proponent attended the meeting. The Committee noted that the industry proposed to utilize the treated effluents for plantation in the land belongs to M/s. Krishnapatnam Port Company Limited (M/s. KPCL). But it is not practical during rainy season.

After detailed discussions, the Committee recommended to issue CFE subject to submission of undertaking that the industry shall construct guard ponds of 5 days capacity to store the treated effluents during rainy season.

The Committee advised the proponent to explore the possibility of using treated effluent for dust suppression in the port or other purposes.

MEMBER SECRETARY