MINUTES OF THE CFE COMMITTEE MEETING HELD ON 15.07.2016 AT 3.00 PM
AT APPCB, NSR VILLAS NO. (13 & 17), BESIDE NH-5,
MANGALAGIRI, GUNTUR DISTRICT.

The following were present:

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<th>S.No.</th>
<th>Name of the Member</th>
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| 1     | Sri B.S.S. Prasad, IFS.,
       | Member Secretary   |
|       | A.P. Pollution Control Board, |
|       | Hyderabad.          |
| 2     | Dr. S. Bala Prasad, |
|       | Department of Civil Engineering, |
|       | Andhra University.   |
| 3     | Dr. V. Ranga Rao,   |
|       | Department of Civil Engineering, |
|       | K.L. University, Guntur. |
| 4     | Dr. V.V. Narayana Reddy, |
|       | Deputy Director (Scientist), (Retd.), |
|       | Organic Chemistry division |
|       | IICT, Hyderabad.     |

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.
ITEM NO. 1  M/s. ONGC (Oil and Natural Gas Corporation) Exploratory drilling in well TV-AA , Turupu Vippuru(V), Iragavaram (M) West Godavari District – Issue of CFE & CFO for drilling of exploratory well - Reg.

The Committee noted that the proposal is for exploratory drilling. The industry obtained EC vide order dt. 18.05.2012. The industry applied for CFE and CFO and paid CFE and CFO fee for one year as per Board circular dt. 02.02.2013.

After detailed discussions, the Committee recommended to issue CFE and CFO.

ITEM NO. 2  M/s. Srikalahasti Pipes Ltd (formerly M/s. Lanco Industries Limited), located at Rachagunneri (V), Srikalahasti (M), Chittoor District – Issue of CFE expansion - Reg.

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

- The industry proposed to put up Ferro Alloys unit, Sponge iron, waste heat based power plant and steel products in the existing unit.

- The industry has obtained EC for the above proposals vide order dt. 11.01.2013.

- In the existing unit, as per the CFO order dt. 28.11.2014, the industry has to provide mechanized dust suppression system (MDSS) in the coal and iron ore stock yards to control fugitive emissions. But, the industry has not provided MDSS.

- In the existing unit as per the EC order dt. 25.07.2008, the industry has to provide MEE & RO plant. The industry has informed that they have applied to MoE&F for amendment for exemption for installation of MEE & RO. They have also informed that the issue was discussed in the EAC meeting held on 13.11.2014 and the Committee recommended for amendment for no requirement of MEE. But, amendment to EC is not yet received.

- The industry proposed to dispose the fly ash generated from the industry to the Cement plants. Bottom ash will be disposed to ash pond. The break-up of quantity of fly ash and bottom ash shall be furnished.

- The industry shall inform the break-up of quantity of water supplied by Tirupati Municipality and quantity of water drawn from the bore well.

After detailed discussions, the Committee recommended to issue CFE subject to submission of commitment / information on above points.


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

- APIIC has already conducted EIA studies covering all types of units including bulk drug units to be established in the industrial park and the final EIA report has been reviewed by the Expert Appraisal Committee at MoE&F on 30.05.2016 and recommended for EC for the industrial park for establishment of various units including bulk drugs. As such there is no need of further study on cumulative impacts as suggested by R.O. Nellore. Further, as per the R.O. report, the nearest habitation is at a distance of about 1.0 km from the site.

- The proponent proposed to provide ZLD for treatment of effluent. The capacities of ZLD system are to be informed.

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- The proponent has not informed the area of green belt to be developed. The proponent has to furnish a site layout plan showing green belt area to be developed.

The representative of the industry vide Ir. dt. 15.07.2016 had submitted

➢ Capacity of ZLD system and
➢ The area of green belt as 1.49 acres covering all sides boundary of the site and submitted plant layout indicating the proposed greenery.

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

"The industry shall start construction only after obtaining Park level Environmental Clearance."


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

- APIIC has already conducted EIA studies covering all types of units including bulk drug units to be established in the industrial park and the final EIA report has been reviewed by the Expert Appraisal Committee at MoE&F on 30.05.2016 and recommended for EC for the industrial park for establishment of various units including bulk drugs. As such there is no need of further study on cumulative impacts as suggested by R.O: Nellore. Further, as per the R.O. report, the nearest habitation is at a distance of about 1.0 km from the site.

- The proponent proposed to provide ZLD for treatment of effluent. The capacities of ZLD system are to be informed.

- The proponent has not informed the area of green belt to be developed. The proponent has to furnish a site layout plan showing green belt area to be developed.

The representative of the industry vide Ir. dt. 15.07.2016 had submitted

➢ Capacity of ZLD system and
➢ The area of green belt as 1.42 acres covering all sides boundary of the site and submitted plant layout indicating the proposed greenery.

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

“The industry shall start construction only after obtaining Park level Environmental Clearance.”


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

- The present proposal is for additional storage of different petroleum products and liquid chemicals. Total storage after expansion is 1,66,601 KL from 70,000 KL.

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- There is no proposal for increase of existing LPG storage. The LPG storage permitted vide CFE order dt. 05.05.2007 is 8400 MT. However, the industry mentioned existing LPG storage as 9000 MT. The industry has to clarify on the increased LPG storage against permitted storage vide CFE order.

- The industry obtained EC vide order dt. 15.06.2016 for additional petroleum and liquid chemical storage.

- In order to meet 33% requirement, the industry has to develop green belt in an additional area of 4.4 acres. As per the EC order for the present proposal, the industry shall develop atleast 10 m wide green belt on all sides along the periphery.

The representatives of the industry informed as following:

- The capacity of the Horton sphere to store the LPG is 9,000 MT. This was mentioned in the EC order. As per the clearances given by the Govt. of India, OISD etc., the storage capacity of LPG shall not exceed 8,400 MT at any point of time. The remaining space in the Horton sphere shall be left to accommodate vapour.

- As per the norms of OISD, green belt shall not be developed in the tank farm area nearer to storages of highly flammable gases and liquids. Hence, greenery had already developed in an area of 11.22 acres, wherever possible. In the proposed expansion project, green belt is proposed in an additional area of 1.8 acres. Remaining of green belt will be developed under “Green Veiakha”.

- The representative of the industry informed that they have pursued the authorities of Andhra University to develop greenery in vacant places. But, there is no response. The member of the CFE Committee Dr. S. Bala Prasad, Department of Civil Engineering, Andhra University has informed that there are vacant places in AU Engineering College in which the industry can develop greenery. He has requested the industry to approach Principal of AU Engineering College to extend co-operation in this regard.

- The representative of the industry has informed that earlier they had proposed to introduce “Development of skills of the students to meet the requirements of Chemical /Petroleum industry in Visakhapatnam” as one of the subjects in Chemical Engineering branch, Andhra University. It was proposed to extend the entire financial support for the above subject as it is very much useful to the industries. But, due to lack of administrative approval, the subject was not introduced. The Member Secretary has directed to address the Commissioner, State Board for Technical Education, Andhra Pradesh to consider the request of the industry.

After detailed discussions, the Committee recommended to issue CFE subject to submission of commitment / information on above points.


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

- The quantity of waste water generated from option – I is 177,263 KLD. Out of that process and washings contribute 152,283 KLD. But, in the ETP details, the quantity of waste water generated is mentioned as 168,84 KLD. They are not tallying. The industry has to clarify.

- Similarly, in case of option – II, the quantity of waste water generated from process is mentioned as 93.95 KLD. But, in the treatment, the quantity is mentioned as 24,462 KLD. The industry has to clarify.

- The industry has to submit a copy of the EC issued by the MoEF&CC, GoI, New Delhi.

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• CFE may be granted with a condition that MEE and ATFD shall be commissioned before applying for CFO. As part of ZLD, the industry is requested to provide R.O. plant. A commitment from the industry may be obtained to provide R.O. plant.

• A commitment from the industry may also be obtained to provide dedicated Hazardous waste storage facility and VOC monitoring with data logger facility.

The representative of the industry vide lr. dt. 15.07.2016 has submitted information / commitment on above points.

After detailed discussions, the Committee recommended to issue CFE for Change of Product Mix.

ITEM NO. 7 M/s. The Andhra Sugars Limited (C & F Division), R.S.No.721 to 728 & 729/1, Kovur, West Godavari District – Issue of CFE for Change of Product Mix - Reg.

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

• The existing industry is having consent to produce Caustic potash – 24.0 TPD and other products. The Industry proposes to manufacture Caustic Soda in addition to above existing products. The Industry proposes to maintain permitted quantity of 24TPD for both Caustic Soda & Caustic Potash put together. Potassium Chloride is the raw material for Caustic Potash and Sodium Chloride is the raw material for Caustic Soda. The process of membrane cell remains the same for both the products i.e., for Caustic Soda & Caustic Potash. Except raw material change there is no change in process technology.

• This is a chlor-alkali plant which comes under EIA and requires EC for any additional pollution load. In the present proposal there is no increase in production capacity. However, there is an additional pollution load in the form of solid waste i.e., Brine sludge to the tune of 636 TPD. As there is increase in solid waste generation due to change of product, the industry requires to obtain EC from MoE&F.

• Recently, the existing unit was inspected on 23.06.2016 under randomized inspection. The industry has to comply with the observations.

The representative of the industry has submitted the following:

➢ Earlier, the industry manufactured Caustic Soda by adopting Mercury cell process. Subsequently, they have stopped the product. Now, in the change of product mix, the industry proposed to manufacture Caustic Potash or Caustic Soda – 24 TPD, by adopting Membrane Cell process only.

➢ As per the provisions laid EIA notification, 2006 and its amendments thereof, “no new Mercury Cell based plants will be permitted and existing units converting to membrane cell technology are exempted from the notification. Hence, EC may not be required.

➢ The quantity of the Brine sludge and Saturator mud is 636 kg/day only. It is collected and disposed in secured land storage at their sister concern at Saggonde, West Godavari District.

➢ compliance report on the points raised by the EE, APPCB, Hyderabad during the inspection on 23.06.2016, is submitted.

After detailed discussions, the Committee recommended to issue CFE for Change of Product Mix.

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MEMBER SECRETARY