MINUTES OF THE CFE COMMITTEE MEETING HELD ON 27.08.2019
AT ANDHRA PRADESH POLLUTION CONTROL BOARD,
NEAR PUSHPA HOTEL CENTRE, BEHIND SUNRISE HOSPITALS,
KASTURIBAIPET, VIJAYAWADA, A.P.

The following were present:

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

The Committee noted the following:

a) The proponent has to submit proposed air pollution control equipment to treat the gasses emitted from the all process sections.

b) The proponent has to submit details of ZLD system proposed for process effluents.

The representatives of the project proponent attended the meeting and submitted details of ZLD system and air pollution control measures. They have informed that they are not proposing any MEE or Forced Evaporation system for ZLD. They have proposed to completely recycle/reuse the treated waste water in electro plating process and for gardening. There will be no discharge of waste water to outside the factory premises.

After detailed discussions, the Committee recommended to issue CFE after receipt of
(1) details of effluent treatment system and disposal system
(2) Proposed air pollution control system to all the process sections.

ITEM NO. 2
M/s. North Coastal Integrated Food Park (P) Ltd., R. Sy. Nos. 42/2, 3, 60/1A, 60/1C, 61/1, 2, 3 in Bhoolokapathivarakkatu (V), ,K.Palavalasa panchayath, and 52/1APart, 52/2 to 52/6 & 52/7A in Pathikayavalasa (V), Pathikayavalasa panchayath, Cheepurupalli (M), Vizianagaram District – Issue of CFE – Reg.

The Committee noted the following:

a) The proponent has to pay balance CFE fee of Rs. 99,400/-.

b) Earlier, the management obtained the CFE dt.22.03.2017 in the name of M/s. North Coastal Integrated Food Park (P) Ltd., but has not been established the same.

c) The management now applied for CFE to develop total Integrated Food Park and submitted the site plan w.r.t 48.81 acres.

d) The management has completed 90 % of construction of compound wall around the proposed site.

e) The management completed civil works of ETP and constructed 3 no. of sheds and not mentioned the details of ETP units completed with capacities.

f) The management has started earth works for road formation and RCC drainage works are in progress.

g) The management has declared water consumption 17 KLD and the waste water generation was 7.5 KLD in the application. The management has submitted water consumption 13 KLD and the waste water generation was 12 KLD through mail dt.08.08.2019. Further, the management has submitted water consumption to be 200 KLD through mail dt.09.08.2019 without any breakup. The proponent has to clarify which quantity is correct.

h) The management proposed to provide common ETP of 50 KLD and also proposed to provide common STP of 50 KLD. The waste water treatment facilities proposed to be provided for all the units can be considered as CETP which requires EC as per EIA notification, project covered at 7(h).

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The management proposed greenbelt development in an area of 5.0 acres which is not sufficient for the food park of 48.81 acres against the required greenbelt of 33% of total area i.e., 16.1 acres.

The sitting guidelines are applicable to the individual units only. They are not applicable to Industrial estates as per the circular dt. 06.05.2017.

The representatives of the project proponent attended the meeting and informed the following vide letter dt. 26.08.2019:

1. They have paid balance CFE fee for Rs. 99,400/- through DD dt. 25.08.2019.
2. They would not establish the unit for which they have obtained CFE from the Board vide order dt. 22.03.2017 and would surrender the CFE order.
3. Total fresh water requirement is 200 KLD for the Food Park. Details of breakup, waste water generation and treatment are mentioned in the EMP.
4. They have constructed ETP with capacity 50 KLD.
5. As per the EIA notification amendment dt. 19.12.2018 EC is not required for the CETP if the units coming up in the industrial park does not require EC. As the units proposed in this integrated food park are food processing units which are not covered under EC notification the CETP does not require EC.
6. They have revised the site layout duly allocating 16.1 acres for development of greenbelt.

After detailed discussions, the Committee recommended to issue CFE after surrendering the CFE order dt. 22.03.2017 issued earlier to M/s. North Coastal Integrated Food Park (P) Ltd.

ITEM NO. 3 M/s. Indian Oil Corporation Limited, Suraredypalem, Vallur (P.O), Ongole Mandal, Prakasam District – Amendment to condition stipulated in the CFE order – Reg.

The Committee noted the following:

a) M/s. Indian Oil Corporation Limited, Suraredypalem, Vallur (P.O), Ongole Mandal, Prakasam District had obtained Environmental Clearance dt. 18.10.2012 from SEIAA, AP for storage and distribution of Petroleum products.

b) The Board issued CFE order dt. 21.01.2019 in favour of M/s. Indian Oil Corporation Limited, Suraredypalem, Vallur (P.O), Ongole Mandal, Prakasam District for change in storage capacities of Petroleum products.

c) While issuing above CFE order a condition was stipulated to inform the SEIAA, AP regarding the proposed change in the storage capacities before applying for CFO.

d) Accordingly, the IOCL had communicated the above issue to the Member Secretary, SEIAA, AP vide lr. dt. 11.05.2019.

e) Subsequently, the Board issued CFO order dt. 08.05.2019 duly stipulating a condition to obtain necessary amendment to the EC from SEIAA, AP before changing the storage capacity.

f) The IOCL represented to delete above conditions as they are well within the threshold limits of Hazardous chemical storage capacity.

g) In the mean while, the MoEF, GoI, New Delhi vide S.O.1860 (E) dt. 13.06.2019 had omitted the Isolated storage & handling of hazardous chemicals (As per threshold planning quantity indicated in column 3 of schedule 2 & 3 of MSIHCRules 1989 amended 2000) i.e., EC is not required for isolated storage & handling of hazardous chemicals.

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In view of the above, the above condition, regarding amendment to EC stipulated in the CFE order may be deleted.

The representatives of the project proponent attended the meeting and requested to delete the condition in CFE & CFO orders.

After detailed discussions, the Committee recommended to issue amendment to CFE and CFO orders by the concerned sections duly deleting the condition related to EC.


The Committee noted the following:

a) M/s. Sri Raama Ventures obtained EC from SEIIAA, AP vide order dt. 31.05.2019 for Construction Project in an area of 10,214.94 sq.m. with total built up area of 40,756.56 sq.m.

b) Now, the proponent applied for CFE of the Board for the Construction Project.

c) The proponent has to pay balance CFE fee of Rs. 1,12,500/-.

d) The proponent shall adopt adequate dust suppression / containment measures during construction phase of the project; transportation of construction material to onsite by adopting covered transportation, wet cover & water sprinkling along roads near habitation, tarpaulin cladding at construction site etc., to prevent agglomeration of pollutants concentration during construction phase.

The representatives of the project proponent attended the meeting and informed that they have paid balance fee Rs. 1,12,500/- through DD dt. 26.08.2019 and requested to issue CFE.

After detailed discussions, the Committee recommended to issue CFE.


The Committee noted the following:

a) M/s. Daiwik Hotel & Residences obtained EC from SEIIAA, A.P vide order dt. 09.10.2015 for construction of Hotel & Residences project. As per the EC the project consists of Apartment: Stilt + 10 Floors with 1 Basement, Hotel: Ground + 8 Floors with 2 Basements. The total Builtup area is 31,524.88 sq.m.

b) Now the proponent applied for CFE of the Board for Hotel Building and Residential Complex construction.

c) The proponent has to submit the technical details of proposed STPs and mode of disposal of treated waste water.

d) As per the EC the proponent shall provide Organic Waste Converter / Vermin Compost System for disposal Organic Waste.

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

After detailed discussions, the Committee recommended to issue CFE after receipt of the technical details of proposed STPs and mode of disposal of treated waste water.


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The Committee noted the following:

1) M/s. Energon Petro Products Pvt. Ltd., Sy.No: 9/2 & 10/1, Golagamudi (V) Venkatachalam (M), SPSR Nellore District applied for CFE of the Board to establish LPG bottling plant with a capacity of 100 tons / day or 30,000 tons / annum with a project cost of Rs.8.01 Crores and comes under Red Hazardous category.

2) The CFE application of the industry along with inspection report of the EE, RO, Nellore was placed before the CFE Committee meeting at Zonal Office, Vijayawada on 31.07.2019. The Committee noted that the industry is not meeting with the siting guidelines of the Board prescribed for establishment of LPG bottling plant up to 100 Tons storage. After detailed discussion, the Committee recommended to reject the CFE application of the industry as the industry is not meeting the siting guidelines of the Board prescribed for establishment of LPG bottling plant up to 100 Tons storage i.e. “the distance between the boundary of the site and human habitation (boundary of Town, Village etc.) shall be at least 1 km”, but Golagamudi (V) is located at a distance of about 720 mtrs from the proposed site.

3) As per recommendations of the Committee, the ZO, Vijayawada issued rejection order to the industry on 05.08.2019 “as the industry is not meeting the siting guidelines of the Board prescribed for establishment of LPG bottling plant up to 100 Tons storage i.e. “the distance between the boundary of the site and human habitation (boundary of Town, Village etc.) shall be at least 1 km”, but Golagamudi (V) is located at a distance of about 720 mtrs from the proposed site”.

4) The proponent vide letter dt. 07.08.2019 requested the Board to relax the guidelines of distance criteria from 500 m to 1 km. from human habitation and reconsider their CFE application on the following grounds:

a) CFE application was rejected on the ground that Golagamudi Village is located at a distance of about 720 m from the proposed site. But the Oil industry while calling for the instant national tender has stipulated that the habitation should be 500 m. from the proposed site.

b) As per the PESO approved layout the LPG storage bullets are being mounded and are being placed at the other end of the proposed site which is almost 950 m. from the boundary of the Golagamudi Village.

c) At present many LPG bottling units are operating within 250 m. radius from habitation duly following OISD norms.

5) Now, the industry proposed to provide mounded bullets of 3 nos with 32 T storage capacity each and also layout plan was approved by Petroleum & Explosives safety organization (PESO).

6) As the industry proposed mounded bullets instead of open bullets existing siting guidelines are not applicable.

The representatives of the project proponent attended the meeting and informed that due to the proposed mounded type of bullets if any explosion occurs the effect would be confined to bullet area only and requested to reconsider CFE duly relaxing the siting guidelines.

After detailed discussions, the Committee recommended to direct the JCEE, ZO, Vijayawada to consider CFE to the proposed LPG bottling plant with a condition that the industry shall construct mounded type bullets only and to maintain maximum available distance from human habitation.

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The Committee noted the following:

i. The Board issued CFE for Change of Product Mix to M/s. Srikar Laboratories Pvt. Ltd., for 30 no. of products including validation products with maximum production capacity 2600 kg/day and to produce 4 products at any point of time.

ii. Now, the industry applied for CFE for Change of Product Mix for 32 no. of products including validation products with maximum production capacity 2600 kg/day and to produce 4 products at any point of time with an additional investment of 2.64 crores. This investment is majorly towards additional Pollution control equipments, utilities, supporting equipment and production facilities and safety measures.

iii. The industry is yet to comply with some of the conditions stipulated vide CFO order dt. 07.06.2018. The Board issued stop production order to the industry vide order dt. 25.05.2016 and issued revocation of stop production order on 23.03.2016 with certain directions. The industry yet to comply with some of the directions.

iv. The Board vide CFE order dt. 30.05.2018 stipulated the following conditions as committed by the industry vide letter dt. 17.05.2018:

   a) Data logger for the pH meter connected to double stage scrubber shall be provided by the end of June, 2018.

   b) Energy meter to the Bag filter shall be provided by the end of June, 2018.

As per the latest RO report Bag filter is not in operation at the time of inspection and energy meter to the Bag filter is not yet provided. Scrubber provided to production block-I is under repair and no pH meter was provided at scrubber.

v. The industry has not installed solvent recovery column and sending solvents to the recyclers.

vi. The industry is constructing shed for storage of Hazardous waste as per the Board directions.

The representatives of the project proponent attended the meeting. They have informed the following vide letter dt. 27.08.2018:

1) They have provided 2 No. of double stage Scrubbers with online pH meter and Data logger facility attached to PB-I & PB-II. The PB-I Scrubber is under repair and would be resolved the issue by this weekend.

2) Energy meter shall be provided by the end of September 2019. Purchase order enclosed.

3) Bag filter is connected to Boiler and it is in operation. But filter bags are damaged. New filter bags would be provided by this weekend and inform to R.O.

4) Solvent Recovery plant is under installation and it will be completed by the end of September 2019.

5) Hazardous Waste shed is under construction and it will be completed by the end of September 2019.
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After detailed discussions, the Committee recommended to issue CFE for Change of Product Mix with the following conditions:

a) Energy meter to the bag filter shall be provided within 15 days.

b) Solvent recovery plant and shed for storage of Hazardous Waste shall be completed by the end of September, 2019.

c) The industry shall ensure that the Hazardous Waste generation after Change of Product Mix shall not exceed the consented quantity.

d) The industry shall comply the Task Force directions issued dt. 23.03.2016.


M/s. Dharani Enterprises, Guntur District proposed for Enrichment of Colorific value for Liquid / Semi Solid Organic waste.

The industry applied for CFE of the Board. The EE, RO: Guntur submitted the report to ZO: Vijayawada with a recommendation that “the proposal to establish re-processing of hazardous waste of bulk drug industries may be rejected keeping in view of pollution potential of the above activity in terms of Air & Water & possibility of indulging in illegal disposal of hazardous waste brought from the chemical industries to IDA, Nadikudi (V), Dachepalli (M), Guntur District”.

The RO: Guntur reported that the industry proposed to mix the Liquid Organic waste, Solid Organic waste, Semi Solid Organic waste generated from bulk drug and Pharma industries with solid fuels like rice husk, saw dust for enrichment of colorific value. It is proposed to bring the organic residue generated from bulk drugs & chemical industries located at Telengana & Andhra Pradesh states.

The RO submitted that 5 Nos. of Cement plants are existing in Guntur District and none of these plants has developed systems for co-processing of hazardous waste in the kilns at Guntur District. Thus, the proponent may be reviewed on end user of the re-processed hazardous waste.

The Board through resolution No. 1748 has resolved to adhere to the existing policy of not permitting any inter-state movement of hazardous waste for disposal into Andhra Pradesh and the same may be informed to CPCB.

The issue was placed in the CFE Committee Meeting held on 14.02.2019 at Zonal Office: Vijayawada. After detailed discussion, the committee recommended to reject the CFE application of the industry as i) the proposed activity would lead to illegal dumping and ii) the RO: Guntur recommended to reject the CFE as mentioned above.

Accordingly, the ZO: Vijayawada vide email dated 27.02.2019 addressed to the Joint Director, Industries Department, Vijayawada for concurrence of rejection. As there was no reply from JD, industries, a rejection letter was addressed to the industry on 07.03.2019.

The JD, industries vide email dated 07.03.2019 stated that “the commissioner of industries has not accorded concurrence for rejection”.

As per the JD, industries remarks, the issue was again placed in the CFE Committee Meeting held on 12.03.2019 at Zonal Office: Vijayawada. After detailed discussion, the committee recommended to address the Board Office and seek further instructions as the committee earlier recommended to reject the CFE application of the industry for the following reasons viz. i) the proposed activity would lead to illegal dumping and ii) the RO: Guntur recommended to reject the CFE as mentioned above.

The issue was perused to the Member Secretary through e-office on 23.07.2019.

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As per the instructions of the Member secretary, APPCB, the proponent was asked to furnish the details of measures proposed to prevent odour generated from open handling of Hazardous waste, mode of detoxification of drums / barrels used to bring the Hazardous waste to the site, emission containment measures, fire safety, details of leachate generation, mode of collection & disposal, measures proposed to prevent contamination of run-off due to crude blending, transit storage of hazardous waste at on-site and also plan for co-processing of hazardous waste in the kilns or any plan on end use of the re-processed hazardous waste.

In reply, the industry vide email dated 20.08.2019 has not furnished the control measures to prevent odour, leachate collection and treatment of leachate etc. The industry just enclosed the report copy without giving detailed control measures.

The committee noted that the total area of the land is 1622.08 Sq.mt. only; the industry has not reported the raw material and chemicals used; the proponent has not furnished the details of measures proposed to prevent odour generated from open handling of Hazardous waste, mode of detoxification of drums / barrels used to bring the Hazardous waste to the site, emission containment measures, fire safety, details of leachate generation, mode of collection & disposal, measures proposed to prevent contamination of run-off due to crude blending, transit storage of hazardous waste at on-site.

The representatives of the industry attended the meeting and submitted to the Committee that they are planning to procure Hazardous Waste from Visakhapatnam Zone industries and after pre-processing they will send the waste to the cement plants located in the Kurnool Zone.

Recommendations:

After detailed discussions on agenda, submissions of the representative of the industry, the committee recommended to obtain clarification, as per the Guidelines for Pre-Processing and Co-Processing of Hazardous and Other Wastes in Cement Plant as per H&OW(M & TBM) Rules, 2016 issued by CPCB and also on the following conditions, to take further course of action:

1. Measures proposed to prevent odour generated from open handling of Hazardous waste.
2. Mode of detoxification of drums / barrels used to bring the Hazardous waste to the site.
3. Emission containment measures.
4. Fire safety.
5. Details of leachate generation.
7. Measures proposed to prevent contamination of run-off due to crude blending, transit storage of hazardous waste at on-site.
8. Plan for co-processing of hazardous waste in the kilns or any plan on end use of the re-processed hazardous waste.

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