

121st MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 26.06.2023 (Monday)

Time: 4.00 P.M.

Venue:

7th Floor, Conference Hall,
Environment, Climate Change & Forests
Department,
Namakkal Kavignar Maaligai,
Secretariat, Chennai.9

INDEX

Agenda No.	Description	Pg. No.
01	Confirmation of the minutes of the 120 th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 05.04.2023	01
02	The action taken on the decisions of 120 th meeting of the Authority held on 05.04.2023	01
03	Amendment in CRZ Clearance for the revised route alignment of Seawater Pipelines and Coal Pipe Conveyance System (Conveyance Corridor) of 2 x 660 MW Ennore SEZ coal-based Supercritical Thermal Power Project at Voyalur Village, Ponneri Taluk, Tiruvallur district by the Chief Engineer / Project-I, TANGEDCO, Chennai	03
04	Amendment in CRZ Clearance for the laying of Ash Slurry and Recovery Water Pipelines from the NCTPP Stage-III to NCTPS Ash Dyke (Pipeline System) of M/s. NCTPP Stage-III at Villages Ennore & Puzhudivakkam, Ponneri Taluk, Tiruvallur district proposed by the Chief Engineer / Project-II, TANGEDCO, Chennai	08
05	Laying of Product Operating Line (POL) Pipeline from Kamarajar Port at Ennore to CPCL at Manali via IOCL, Vallur Terminal proposed by M/s. Indian Oil Corporation Limited, Chennai	13
06	Proposed reconstruction of existing shore protection sea wall for the Arulmigu Subramaniya Swamy Temple, Tiruchendur of Keela Tiruchendur Village, Thoothukudi district by Executive Officer, Arulmigu Subramaniaswamy Thirukovil, Tiruchendur	18
07	Construction of Fish Landing Centre in Vanagiri Village, Sirkazhi Taluk of Mayiladuthurai district by Asst. Director of Fisheries and Fishermen Welfare Department, Nagapattinam (North)	21
08	Proposed construction of Tail end Check Dams at Confluence points of Thamirabarani River with sea at R.S.No. 250, Mukkani Village, (Check Dam ARM-1), Srivaikundam Taluk, Thoothukudi district and at R.S. No.23 & 62, Punnaikayal Village (Check Dam ARM-II) and R.S. No. 747, Sernthamangalam Village (Check Dam ARM-III) of Tiruchendur Taluk, Thoothukudi district by the Executive Engineer, Water Resource Department Thamiraparani Basin Division, Tirunelveli	25

09	Establishment of Petrol / Diesel Bunk at SF No. 519/17, 519/8B2 of Kadiappattinam Village, Kalkulam Taluk, Kanyakumari district by Thiru Alasius. D., Kanyakumari	28
10	Proposed construction of service apartment at SF No. 360 (pt), Kottakuppam Village, Vanur Taluk, Villupuram district by Tmt. Vasanthi, Adyar, Chennai.20	30
11	Construction of cement storage and bagging facilities at V.O. Chidambaranar Port Authority, Harbour Estate, Thoothukudi by M/s. Ultra Tech Cement Limited, Mumbai - Resubmission after site inspection	33
12	Existing Unit of M/s. Matha Ice Plant at S.No.579/2, Kollencode Village, Vilavancode Taluk, Kanyakumari district proposed by Thiru Benedict Johnson, Matha Ice Plant, Kollencode Village, Vilavancode Taluk, Kanyakumari district	36
13	Hon'ble Supreme Court orders with reference to M/s. KTV Oil Mills Pvt. Ltd and KTV Health Food PVT Ltd., Chennai (Civil Appeal No: 3626/2020 & 3639/2020)	39
14	Revision of Scrutiny fee for the proposal which requires Clearance under the CRZ Notification 2011	45
15	Proposal for establishing regional level coordination to Tamil Nadu State Coastal Zone Management Authority	47
16	Report of the Comptroller and Auditor General of India on "Conservation of Coastal Ecosystems" - Improper delegation of powers to local planning authorities to issue planning permission without recommendations of SCZMA	55
17	Any other subject with the permission of the Chair	56

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Agenda Item No. 01: Confirmation of the minutes of the 120th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 05.04.2023

The 120th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 05.04.2023 and the minutes were communicated to the Members of the Authority, vide this office letter No. P1/1950/2021 dated 06.04.2023.

Agenda Item No.02: The action taken on the decisions of 120th meeting of the Authority held on 05.04.2023

Sl. No.	Subject	Action taken
01	Re-routing of initial 0-5.5 km long underground multiproduct pipeline, in between CPCL Refinery Manali and Kosan Bottling Plant at Vayakadu Village in the Chennai-Asanur Section of Chennai-Trichy-Madurai Petroleum product pipeline (CTMPL) proposed by M/s. Indian Oil Corporation Limited, Chennai	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No. P1/2500/2022, dated 05.04.2023. The E,CC&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 3046/EC.3/2023-1, dated 13.04.2023.
02	Proposed construction of Muthamizh Arignar Dr. Kalaignar Pen monument in Bay of Bengal, Off the coast of Marina Beach near Triplicane Village, Chennai district by the Public Works Department, Government of Tamil Nadu	As resolved by the Authority, the proposal has been forwarded to GoTN, for forwarding to MoEF& CC, GoI, vide this office letter No. P1/640/2023, dated 05.04.2023. The E,CC&F Department, Govt., of TN, forwarded the proposal to MoEF&CC., GoI in letter No. 2914/EC.3/2023-1, dated 06.04.2023 .

Sl. No.	Subject	Action taken
03	Construction of cement storage and bagging facilities at V.O. Chidambaranar Port Authority, Harbour Estate, Thoothukudi by M/s. Ultra Tech Cement Limited, Mumbai.	As resolved by the Authority, the Technical Expert Committee along with Director of Environment & Climate Change has visited the site on 27.05.2023 and submitted report. The proposal is resubmitted as Agenda Item No. 8.
04	Proposed additional construction of building (Anechoic Chamber) to the earlier existing warehouse & R&D building, at S.No.175 (part) of Ernavoor Village, S.No.6/1A1 of Tiruvottiyur Village in T.S.No. 3, 5/1A, 5/2A Block No.1, Ward No.1 of Thiruvottiyur, Wimco Nagar, Ennore Express Road, Chennai by M/s. MRF Limited, Chennai	As resolved by the Authority, the proposal has been forwarded SEIAA, for issuing Clearance, vide this office letter No. P1/1595/2022, dated 05.04.2023.
05	Repair and Reconstruction of existing Industrial Shed at Egattur Village, & Kazhipattur Village, Thiruporur Taluk, Chengalpattu district Proposed by M/s. J.J. Impex Pvt. Ltd., (Maruthi Service Masters), Kazhipattur Village, Chengalpattu district - Clarification sought for from MoEF & CC, GoI	As resolved by the Authority, the Clarification received from MoEF & CC, Govt. of India has been forwarded to the Project Proponent, vide this office letter No.P1/2404/2020, dated 05.04.2023.
06	Progress on the preparation of the CZMP as per the CRZ Notification 2019	The NCSCM, Chennai has completed the preparation of draft CZMP and landuse map as per CRZ Notification, 2019 both Tamil and English except Thiruvallur and Chennai districts. The said CZMP published in the website on 16/06/2023 for inviting suggestions / objections, if any, from the line Departments / local communities / Public / NGO's etc.,
07	Monitoring of Violations in CRZ areas and necessary actions to be initiated.	As instructed by Chairperson, the proposal for establishment of "Regional Level Coordination Units" was sent to Government, vide this office letter No. P1/1062/2023, dated 11.05.2023. Further as instructed by Government, the proposal is placed before Authority as Agenda Item No. 14.

Agenda Item No.03

Amendment in CRZ Clearance for the revised route alignment of Seawater Pipelines and Coal Pipe Conveyance System (Conveyance Corridor) of 2 x 660 MW Ennore SEZ coal-based Supercritical Thermal Power Project at Voyalur Village, Ponneri Taluk, Tiruvallur district by the Chief Engineer / Project-I, TANGEDCO, Chennai

M/s. TANGEDCO has submitted an application for Amendment under the CRZ Notification, 2011 for Amendment in CRZ Clearance for the revised route alignment of Seawater Pipelines and Coal Pipe Conveyance System (Conveyance Corridor) of 2 x 660 MW Ennore SEZ coal-based Supercritical Thermal Power Project (STPP) at Voyalur Village, Ponneri Taluk, Tiruvallur district. The project information of EIA report prepared by M/s. Cholamandalam MS Risk Services Ltd., Chennai having NABET Certificate valid upto 29.05.2023 and they informed that procedure for reaccreditation is under progress.

Need of the Project

The 2 x 660 MW Ennore SEZ STPP is envisaged to meet the growing power demands of the State which is essential for economic prosperity. To operationalize this powerplant the fuel i.e. coal must be transported from the port to the plant. For the operation of the power plant which requires a cooling system for effective functioning, the proposed development activities are necessary.

Existing Clearance

The Project Proponent has obtained Environmental Clearance for establishing 2x800 MW Supercritical Thermal Power Plant vide Ministry's letter dated 07.01.2014 and obtained CRZ Clearance for construction of coal conveyor and cooling water system vide Ministry's letter dated 01.01.2014. The configuration has been changed to 2 x 660 MW vide Ministry's amendment letter dated 14.08.2018. The Project Proponent has obtained CRZ Clearance for coal pipe conveyor, cooling water and discharge pipelines vide Ministry's letter dated 01.01.2014 and the Proponent has obtained for extension of validity for project till 31.12.2023, vide Ministry's letter dated 09.04.2021.

Description of the project

A total of 28 Ha of land is required for the proposed development of the conveyance corridor inclusive of RoW and that the land ownership of the conveyance corridor route falls in Kamarajar Port Ltd., (KPL), PWD (water crossing area), TIDCO (TPIPL) and TANGEDCO for which necessary clearance have been obtained. The ~ 7 k.m combined length of the Conveyance Corridor, Intake and Outfall Pipeline stretch, a length of about 3.0 k.m. lines in CRZ, of which 17.05m lies in CRZ-IA, 111.32m in CRZ-IA (50m mangrove buffer zone), 693.16m in CRZ-IB, 1658.59m in CRZ-II, 11.53m in CRZ-III (NDZ), 360.27m in CRZ-IVA, 58.78m in CRZ-IVB area (inland waterbody) and 4011.07m outside CRZ area.

The diameter of the proposed pipe conveyors is 2 x 600m @ 2 x 2000 TPH capacity. Intake pipeline (2 Nos.) of 1320 mm dia and outfall pipeline (1 No.) of 1534 mm dia. The design capacity of Intake is 14,990 CUM/hr. and outfall is 6747 CUM/hr.

Status of construction

The Project Proponent stated that Cooling Water Pipeline Corridor upto Stage-II compound wall - 50.15% of work completed. Belt conveyor system from Coal Berth to Crusher house, 50% of the work completed. The curved section of the conveyance corridor from THI to P50 which is partially constructed is proposed to be abandoned and will be demolished after obtaining regulatory clearances. A straight-line route will be adopted for the section between THI to P50 which envisages minimal ecological footprint especially in the Kosasthalayar River crossing, no construction works have been taken up along this section.

Water requirement

The water requirement for the conveyance corridor is 25 CUM/hr of Service Water which will be utilized for dust suppression, fire water and other utilities and services, additionally about 5 CUM/day of Potable water will be utilized. The water requirement for the operation phase will be sourced from the main Ennore SEZ STPP project.

Power requirement

During construction of conveyance corridor 250 KW per month of power will be required, which will be sourced from TANGEDCO temporary supply/ DG Sets. During operation of the conveyance corridor for the operation of coal and pipe conveyor, intake and outfall pipelines power will be drawn from the generated power of the Ennore SEZ STPP project.

Total cost & CRZ Classification

The Project Proponent mentioned in Form-I that the expected cost of the project is Rs.950 crores (approx.). The proposed site is falling a length of about 3.0 k.m. lines in CRZ, of which 17.05m lies in CRZ-IA, 111.32m in CRZ-IA (50m mangrove buffer zone), 693.16m in CRZ-IB, 1658.59m in CRZ-II, 11.53m in CRZ-III (NDZ), 360.27m in CRZ-IVA, 58.78m in CRZ-IVB area (inland waterbody) and 4011.07m outside CRZ area.

Hon'ble NGT orders

- The Hon'ble NGT has taken up *suo motu* in O.A. No.162 of 2021 along with Stage-I and II and NCTPS Stage-III in which revised alignment of coal conveyor of Ennore SEZ project was involved.
- The Hon'ble NGT has delivered judgement on 31.01.2022 in OA No.122 of 2021 with OA No.162 of 2021 and directed to halt the work of conveyance corridor of pipe conveyor and directed to obtain necessary amendment in the existing EC & CRZ clearance for the revised alignment of conveyance system of pipe conveyor and CW system of Ennore SEZ TPP.
- Hence, the Project Proponent is applied for an amendment for revised route.

Recommendation of DCZMA, Tiruvallur district

The DCZMA, Tiruvallur has considered the proposal in the meeting held on 06.04.2023 and recommended the proposal to SCZMA, with the following conditions.

- 1) All the recommendations in the Environmental Management Plan shall be followed.

.6.

- 2) The Project Proponent shall ensure that their activity shall have least interference to the Mangroves, that are found in the Buffer Zone.
- 3) The Project Proponent, in consultation with the Forest Department, formulate and implement plans for the conservation and maintenance of the Mangrove in the vicinity of the project.
- 4) The Project Proponent shall completely remove the construction made in the CRZ area, in the abandoned alignment.
- 5) The Project Proponent shall obtain revised NOC / revised Agreement with the Water Resource Department of Public Works, before commencing the works across the water bodies viz., Buckingham Canal and Ennore Creek Back Waters (Kosasthalaiyar River).

The Project Proponent has submitted the compliance report on the above conditions and also submitted the compliance of NGT orders and existing clearance, vide letter dated 06.06.2023.

- One representation received from M/s. Kattukuppam Meenava Pothunala Sevai Sangam, Kathivakkam, Ennore, Chennai dated 23.05.2023. The petitioner prayed that the application of revised pipe corridor should be rejected and public consultation should be made for the proposed project. *The Project Proponent may request to submit reply for the said representation.*

Provisions in CRZ Notification, 2011

- As per CRZ Notification, 2011, Para 4(i)(a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.
- Para 4 (ii), (d), laying of pipelines, conveying system, transmission line are permissible and Para 4 (ii) (f), foreshore requiring facilities for transport of raw materials, facilities for intake of cooling water and outfall for discharge of treated wastewater or cooling water from thermal power plant are permissible and shall require clearance from MoEF & CC, Govt. of India after being recommended by the concerned SCZMA.

.7.

- As per existing clearance issued by Ministry vide letter dated 01.01.2014, vide Para 6 (General Condition) (vi), the project proponent should apply a fresh reference to the Ministry in the event of a change in project profile or change in the implementation agency.
- Hence, the MoEF & CC, Govt. of India may issue amendment for the revised route alignment of seawater pipelines and coal pipe conveyance system.

Remarks of the Technical Expert Committee

- The new alignment should cause zero or minimal ecological disturbance to the mangrove areas. A comparative map showing the mangrove areas and density during 2014 when the project got clearance and the present mangrove areas at the project site.
- The proponent may be requested to put forth the chronological events from existing CRZ Clearance to Hon'ble NGT orders.
- The Project Proponent has stated that, the project has been stopped in between due to an NGT case in OA No.122 of 2021 with O.A.NO.162 of 2021 that the project has been carried out in a different alignment than the one for which approval was granted, thus directing to halt the work of conveyance corridor of pipe conveyor and to obtain necessary amendment in the existing EC & CRZ clearance for the revised alignment.
- After hearing, the NGT delivered judgement on 31.01.2022 and imposed an additional Environmental Compensation of Rs.50,00,000/- (in addition to the Environmental Compensation of Rs.4,12,20,000/- already imposed by the Committee on NCTPS-I and also Rs.25,000/- to the petitioner towards the cost as directed by the NGT in its judgement delivered in O.A 08 Of 2016). The Project Proponent has committed that, said amount of Rs.50,00,000/- was paid to TNPCB on 28.03.2022.
- From the above, it is observed that already executed portion of the project has deviated from its originally approved alignment. Hence seeking amendment in CRZ Clearance by the Proponent for the revised alignment also includes the earlier deviated executed portion, which is a deviation of CRZ clearance already issued.
- With the above observation the said proposal may be placed before the Authority for consideration.

Agenda Item No.04

Amendment in CRZ Clearance for the laying of Ash Slurry and Recovery Water Pipelines from the NCTPP Stage-III to NCTPS Ash Dyke (Pipeline System) of M/s. NCTPP Stage-III at Villages Ennore & Puzhudivakkam, Ponneri Taluk, Tiruvallur district proposed by the Chief Engineer / Project-II, TANGEDCO, Chennai

M/s. TANGEDCO has submitted an application for Amendment under the CRZ Notification, 2011 for laying of Ash Slurry and Recovery Water Pipelines from NCTPS Stage-III to Ash Dyke at Ennore & Puzhudivakkam Villages, Ponneri Taluk, Tiruvallur district. The project information and EIA report prepared by M/s. Cholamandalam MS Risk Services Limited, Chennai having NABET certificate valid upto 29.05.2023 and they informed that procedure for reaccreditation is under process.

Need of the Project

In order to meet the power demand of Tamil Nadu, the TANGEDCO proposed to setup a coal based 1 x 800 MW Supercritical Thermal Power Plant, Stage-III within the NCTPS Complex in an area of 16.9 Ha by using existing infrastructure facilities at Tiruvallur district.

The proposed ash slurry pipelines are to be laid from the under construction 1 x 800 MW NCTPP Stage-III supercritical powerplant to the existing ash dyke pond of NCTPS is being developed as a contingency plan from 5th year of plant operation. As per the development plan of the NCTPP Stage-III plant, both fly ash and bottom ash will be converted to slurry and it will be disposed to ash dyke during plant's operation for first 4 years.

Existing Clearance

The Project Proponent has obtained Environmental and CRZ Clearance vide letter No.J-13012/14/2012-IA.II(T), dated 20.01.2016 for the development of 1 x 800 MW Supercritical Coal Based Thermal Power Plant Stage-III at Villages Ennore & Puzhudivakkam, Ponneri taluk, Tiruvallur district. The Clearance which includes construction of foreshore facilities viz., coal conveyor and cooling water intake and outfall pipelines, structures which are falling in CRZ areas.

Description of the project

TANGEDCO is developing 1 x 800 MW Supercritical Thermal Power Plant, NCTPP Stage-III with installation of an Ash slurry pipelines and recovery water pipeline system from the NCTPP Stage-III plant to the existing ash dyke pond of TANGEDCO located at 4.5 away. The ash handling unit of the under construction NCTPP Stage-III plant is designed with dry form of ash collection and the collected ash will be stored in silos at a distance of ~ 25m located towards south east direction of Ash slurry pump and sump house.

The Project Proponent stated that the establishment is completed to an extent of around 85%. Laying of Ash Slurry Pipeline and Recovery Water Pipeline was carried out to around 65%; but, in a different alignment, than the one for which approval was granted. In view the same, the Hon'ble NGT (SZ) stayed the works and ordered that the works be commenced only after obtaining amendment in the Clearance for the change in alignment. Therefore, the Project Proponent has seeking amendment in the Clearance for a length of 6.8 km., out of which 1.4 km stretch lies in the CRZ area.

The total three cast basalt pipes of individual lengths 6.15 km, 6.5 km and 6.8 km will be laid for the purpose of transporting the fly ash slurry from the NCTPS Stage III Plant during its operation to the existing ash dyke pond of NCTPS and additionally, a Glass Reinforced Pipe (GRP) of ~ 3.8 km length will be installed to transport the recovered waste from the ash dyke for slurry making and that the pipelines will be supported by RCC beams with Pile support and that the Stage-III plant is designed for a dry fly ash and hybrid bottom ash collection and hence ash will be disposed to the existing ash dyke pond in phased manner whenever need arises.

Water requirement

The water requirement for the construction phase will be 865 KL and during operation phase the same will be 2 KL/day. The construction phase water requirement will be met by Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB). The

Operation Phase water requirement will be met by NCTPP Stage-III Plant process water and recovery water from ash dyke.

Total cost & CRZ Classification

The expected cost of the realignment of the project is Rs.69.65 crores (approx.). The proposed site is falling 271.1m in CRZ-IA (Mangrove buffer zone), 141.15m in CRZ-IB, 902.45m in CRZ-II and 59.01m in CRZ-IVB (inland water body) area and 5439.54 m outside CRZ area, which is totally 6.8 km. The total size of the project is 32.189 Ha.

Hon'ble NGT orders

- An Application No.122 of 2021 was filed by Thiru R. Ravimaran, Ennore at NGT (SZ). Meanwhile another application was filed by NGT in *suo motu* in O.A. No.162 of 2021.
- After hearing, the NGT delivered judgement on 31.01.2022 and imposed an additional Environmental Compensation of Rs.50,00,000/- in addition to the Environmental Compensation of Rs.4,12,20,000/- already imposed by the Committee on NCTPS-I and also Rs.25,000/- to the petitioner towards the cost.
- The Project Proponent said that said amount of Rs.50,00,000/- was paid to TNPCB on 28.03.2022 and a Rs.20,000/- (after deducting 20% income tax) was paid to Tmt. Subalakshmi Ravimaran, wife & legal heir of (Late) R. Ravimaran on 20.06.2022.
- Further, as per the direction of Hon'ble NGT, the Project Proponent is applied for amendment in EC & CRZ clearance of the captioned project to resume the halted ash slurry pipeline work.

Recommendation of DCZMA, Tiruvallur district

The DCZMA, Tiruvallur has considered the proposal in the meeting held on 06.04.2023 and recommended the proposal to SCZMA, with the following conditions.

- 1) All the recommendations in the Environmental Management Plan shall be followed.

.11.

- 2) The Project Proponent shall ensure that their activity shall have least interference to the Mangroves, that are found in the Buffer Zone.
- 3) The Project Proponent, in consultation with the Forest Department, formulate and implement plans for the conservation and maintenance of the Mangrove in the vicinity of the project.

The Project Proponent has submitted the compliance report on the above conditions and also submitted the compliance of NGT orders and existing clearance, vide letter dated 07.06.2023.

Provisions in CRZ Notification, 2011

- As per CRZ Notification, 2011, Para 4(i)(a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.
- Para 4 (ii), (d), laying of pipelines, conveying system, transmission line are permissible and Para 4 (ii) (f), foreshore requiring facilities for transport of raw materials, facilities for intake of cooling water and outfall for discharge of treated wastewater or cooling water from thermal power plant are permissible and shall require clearance from MoEF & CC, Govt. of India after being recommended by the concerned SCZMA.
- As per existing clearance issued by Ministry vide letter dated 20.01.2016, vide Para 11, the project proponent should apply a fresh reference to the Ministry in case of any deviation or alteration in the project proposed including coal transportation system.
- Hence, the MoEF & CC, Govt. of India may issue amendment for laying of Ash slurry and recovery water pipeline from NCTPS Stage-III to NCTPS Ash dyke.

Remarks of the Technical Expert Committee

- The Proponent should overlay the alignment of the Ash Slurry and Recovery Water Pipelines over the 'Right of Way' available with the TANGEDCO.
- The Proponent also needs to technically substantiate before the TNSCZMA, the possibility of ecological damages if any, and why the amendment in the design is sought after.

- The Project Proponent has stated that the project has been stopped in between due to observation of Hon'ble NGT in OA No.122 of 2021 with O.A.No.162 of 2021 that the project has been carried out in a different alignment than the one for which approval was granted. The NGT directed the Proponent to halt the work and imposed Environmental Compensation. As per the direction of Hon'ble NGT, the Project Proponent has applied for amendment in EC & CRZ Clearance of the project to resume the halted ash slurry pipeline work.
- From the above, it is observed that already executed portion of the project has deviated from its originally approved design. The earlier CRZ Clearance obtained from Govt. of India vide letter No.J-13012/14/2012-IA.II(T), dated 20.01.2016 for the development of 1 x 800 MW Supercritical Coal Based Thermal Power Plant Stage-III at Villages Ennore & Puzhuvakkam, Ponneri taluk, Tiruvallur district. The Clearance which includes construction of foreshore facilities viz., coal conveyor and cooling water intake and outfall pipelines, structures which are falling in CRZ areas. However the Proponent along with the amendment in the CRZ clearance obtained from GOI also proposes request for the laying of Ash Slurry and Recovery Water Pipelines.
- With regard to the laying of Ash Slurry and Recovery Water Pipelines, the TANGEDCO has already laid the pipeline to an extent of 65%.
- From the above, it is observed that already executed portion of the project (i.e laying of coal conveyor and cooling water intake and outfall pipelines) has been deviated from its originally approved alignment as approved in the CRZ clearance given by GoI. Besides, the Ash Slurry and Recovery Water Pipelines laid alongside of the above mentioned pipeline is not backed by any CRZ clearance. Hence seeking amendment in CRZ Clearance by the Proponent for the revised alignment could be applicable for laying of coal conveyor and cooling water intake and outfall pipelines.
- With the above observation the said proposal may be placed before the Authority for consideration.

Agenda item No.05 Laying of Product Operating Line (POL) Pipeline from Kamarajar Port at Ennore to CPCL at Manali via IOCL, Vallur Terminal proposed by M/s. Indian Oil Corporation Limited, Chennai

M/s. Indian Oil Corporation Limited, Southern Region Pipelines, Chennai has proposed for laying of Product Operating Line (POL) Pipeline from Kamarajar Port at Ennore to CPCL at Manali via IOCL, Vallur Terminal. The project information and EIA report prepared by M/s. Mantec Consultants Pvt. Ltd., Noida having NABET certificate was valid upto 20.04.2023 and it is extended upto 19.07.2023.

Need of proposal

The Project Proponent has stated that they should develop Product Operating Line (POL) pipeline from Village-Kattupalli, Tehsil-Ponneri of Tiruvallur district due to the following compelling reasons:

- To mitigate the risk of non-evacuation from terminal being pursued by IOCL.
- Expansion in terms of business opportunities.
- POL pipelines from Kamarajar (Ennore) Port boundary to CPCL pipeline manifold in the common corridor are required for providing pipeline connectivity for product movement between Kamarajar (Ennore) Port and Vallur-Terminal / CPCL Manali.

Brief description of the proposal

The proposed envisages laying of 2 Nos. of 30" pipeline about to 10.9 km from Ennore Port to Vallur Terminal and 3 Nos. of 24" pipeline about 8.9 km from Vallur Terminal to CPCL Refinery at Manali for transporting petroleum products to the meet the energy demand in Tamil Nadu. The length of the pipeline falling in Tiruvallur district and Chennai district is below.

Sl. No.	Taluk and District	Length of pipeline (km)	CRZ length (km)	Outside CRZ in km
1	Ponneri Taluk, Tiruvallur district	11.84	5.3	6.54
2	Thiruvottiyur Taluk, Chennai district	7.77	2.14	5.63
	Total	19.61	7.44	12.17

Land for the pipeline corridor

Sl. No.	Station	Type	Status of land availability
1	KPL Jetty	Originating station	Land already acquired from KPL Port by IOCL
2	Vallur	Pump station cum delivery station	New land has been acquired by IOCL
3	CPCL	Delivery Station	Land has been acquired from CPCL

- The Project proponent intended to transport Motor Spirit, High Speed Diesel and Superior Kerosene oil through these pipelines.
- The pipeline crosses Kosasthalayar River, Edayanchavadi River, Edayanchavadi Pond and Sadayankuppam River.
- The pipeline is proposed to be installed by Horizontal Directional Drilling (HDD) techniques across major perennial rivers/ canals, National / State Highways; whereas across minor rivers / canals, pipeline would be laid by submerged crossing method.
- Pipeline across railway crossings would be laid by using bored cased crossing method.
- The thickness of the pipeline is 30" OD x 0.406 WT and 24" OD x 0.375 WT
- Design pressure of pipelines for 30" = 71 kg/cm² and 24" = 82 kg/ cm²
- The life of operating pipeline is 30 years (apprx)

Water requirement

The requirement of construction water for the project would be met through the public utility systems or through water tankers as available. Maximum 5 KLD will be utilized at site.

Power requirement

Power supply for construction activities shall be arranged through Diesel Generator set at sites.

CRZ Classification

The proposed pipeline crossing 7.44 km in CRZ area. The classification of CRZ area as follows.

CRZ-IA : 191.53m, CRZ-IA (50m Mangrove Buffer Zone) : 456.20m,
CRZ-IB : 2798.28m, CRZ-II : 1924.73m, CRZ-III (NDZ) : 1695.46 and
CRZ-IVB : 374.02m.

Total cost of the project

The expected cost of the project is Rs.829 crores.

Recommendations of the DCZMAs

The proposed site is falling in Chennai and Tiruvallur districts. Hence, the DCZMA of Chennai and Tiruvallur district have recommended the proposals to SCZMA.

Recommendation of DCZMA of Chennai district

The proposal was placed before the DCZMA of Chennai district in the meeting held on 24.03.2023 and the DCZMA has recommended the proposal to SCZMA with the following conditions.

1. 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures to be spent by the Project Proponent towards fulfilling its Corporate Environmental Responsibility (CER).
2. The pipeline shall strictly conform to norms / regulations specified in OISD as may be applicable.
3. Supervisory Control and Data Acquisition (SCADA) System for monitoring and compliance mechanism shall be installed.
4. Proper signage's shall be placed enroute the pipeline at regular intervals of 500 meters.
5. An Emergency Response and Disaster Management Plan as per Petroleum and Natural Gas Regulator Board (PNGRB) shall be in place before commissioning.

6. The site shall be restored to its near original condition after completion of the work.
7. Consent to Establish shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
8. The construction in CRZ area shall be done strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
9. Solid waste shall be collected, treated and disposed in accordance with the Solid Waste Management Rules, 2016.
10. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
11. A leak detection system shall be installed for identification of leakages and it shall be ensured that an inbuilt system of timely addressing remedial measures is in place.
12. The project shall explore the possibilities of allocation of funds for preserving the ecology and environment.
13. The proponent shall comply with the Environmental Management Plan both during construction and operation phases.

Recommendation of DCZMA of Tiruvallur district

The proposal was placed before the DCZMA of Tiruvallur district in the meeting held on 06.04.2023 and the DCZMA has recommended the proposal to SCZMA with the following conditions.

1. All the recommendations in the Environmental Management Plan shall be followed.
2. The Project Proponent shall ensure that their activity shall have least interference to the Mangroves, that are found in the Buffer Zone.
3. All the clearances required for the laying of the pipeline shall be obtained from the concerned authorities, prior to the commencement of laying of pipeline.
4. Adequate sanitation facilities to be arranged for the workers involved in the laying of pipeline.
5. The Project Proponent shall ensure that the pipeline is designed and constructed in conformity to the Code being followed by Oil Industry Safety Directorate.

6. The Project Proponent shall ensure that Supervisory Control and Data Acquisition System (SCADA) is in place for monitoring the operational parameters.

The Project Proponent has submitted the compliance report on the above conditions, vide their letter dated 17.05.2023

Provisions in CRZ Notification, 2011

- Para 8 (i) CRZ-I (i) (b), pipeline, conveying system including transmission line is permissible activities.
- Para 8 (i) II CRZ-II, (iv), Para 8 III CRZ-III A (iii) (e) and Para 8 III CRZ-III B (ii), facilities for receipt and storage of petroleum products and liquefied natural gas as specified in Annexure-II, is permissible activities.
- However, as per Para 4 (ii) (d), laying of pipelines, conveying systems, transmission line are permissible and shall require clearance from MoEF & CC, GoI.

Remarks of the Technical Expert Committee

- The Proponent shall submit and show the detailed landuse map on the project site.
- The proponent shall take care to store the top soil while digging and shall ensure refilling the same upon laying of the pipeline.
- The Proponent should take precautionary measures to ensure that there is no impact / disturbance to the Coastal Aquifers during excavation.
- The monitoring mechanisms including generation of daily report proposed by the Proponent should be properly enforced. The proponent may upload data on the monitoring on regular intervals in the public domain either through website or otherwise.
- This project requires to formulate a Contingency Plan in line with National Oil Spill Disaster Contingency Plan.
- The TEC has recommended the proposal for consideration of the TNSCZMA with the above remarks.

Agenda item No.06 Proposed reconstruction of existing shore protection sea wall for the Arulmigu Subramaniya Swamy Temple, Tiruchendur of Keela Tiruchendur Village, Thoothukudi district by Executive Officer, Arulmigu Subramaniaswamy Thirukovil, Tiruchendur

The District Environmental Engineer, TNPCB, Thoothukudi has forwarded a proposal received from Executive Officer, Arulmigu Subramaniya Swamy Temple, Tiruchendur for the proposed reconstruction of existing shore protection sea wall for the Arulmigu Subramaniya Swamy Temple, Tiruchendur of Keela Tiruchendur Village, Thoothukudi district.

Need for the project

The Project Proponent stated that in 1963-1964, a seawall was built with large boulders along the shoreline to reduce the wave action acting on the temple shore. Later, the facilities of the temple including Giriprahara Mandapam was constructed in 1974 around the temple. Due to repeated action of waves the seawall gets deteriorated over the period of time.

Even though the coastline has been kept safe, the seawalls needs to be repaired periodically. Recently in 2018 large concrete cubes were dumped along the compound wall from the entrance near the sea to the eastern side of the Giriprahara Mandapam to arrest the waves breaking on the pavement.

To control the continuous deterioration of the compound wall, the Department of Ocean Engineering, IIT Madras carried out necessary studies and proposed seawall made of Polypropylene Gabion boxes filled with granite stones. This structure is ideally suited as armour layer in resisting wave effects.

Project description

The proposed project is to repair and reconstruct the seawall which was built earlier to provide shore protection in order to safeguard the eastern side of the compound wall of the temple and Valli Kugai and the existing structures close to the shore

from the waves. Therefore, Gabion boxes of upto 20m towards sea from the existing compound wall is proposed to be installed along the coast.

Gabion boxes of size 2mx1mx1m was suggested. The boxes are the net enclosures woven by poly propylene rope. The nets form as cages of desired sizes which will be filled with stone boulders. They are ideally suited armour layer in order to resist against action of waves. Filled Gabion boxes will be transported and placed on the existing collapsed seawall in line and maintaining the design slope using crane. The boxes are placed staggered without gaps between adjoining units.

Location of the project

The proposed project site is falling in Tiruchendur, Thoothukudi district and the latitude is 8°29'47"N and longitude is 78°7'48"E.

CRZ Classification and cost of the project

The proposed site is falls in CRZ-IA (Ecologically Sensitive Area), CRZ-IB (Intertidal Zone), CRZ-II and CRZ-IVA area. Total project cost of the proposal is Rs.19.80 crore.

Recommendations of the DCZMA of Thoothukudi district

The DCZMA of Thoothukudi district has recommended the proposal to SCZMA in the meeting held on 12.01.2023.

Order of the Hon'ble NGT (SZ)

An Application No.4 of 2013 was filed by Thiru O. Fernandes before the Hon'ble NGT (SZ), on erosion control measures at shoreline. The Hon'ble NGT (SZ) has disposed the Application, with the below directions, vide order dated 11.04.2022.

"The approved CZMP shall contain the parameters as listed in the CRZ 2019 Notification including High, Medium and Low erosion stretches for such erosion prone areas. SMP (Shoreline Management Plan) shall be prepared as illustrated by NIOT for such erosion prone areas. We further direct preparation/updation of their SMPs for such identified eroding stretches shown in the CZMPs within six months. Pending preparation/updation of such SMPs by the Coastal States/UTs, no further hard structures for erosion control be raised or constructed".

Further, based on the above orders, the preparation of SMP is under progress. However, as the proposed project is only repair and reconstruction of the existing shore protection sea wall. Hence, the above order may not be applicable for repair of the existing seawall.

Provisions as per the CRZ Notification, 2011

- As per the CRZ Notification, 2011, vide Para 3 (iv) (b), measures for control of erosion, based on scientific including Environmental Impact Assessment, vide Para 4 (i) (a) Clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities; vide Para 4(i)(f) and vide 8 I CRZ-I (ii) (b) of the said Notification, erosion control measures are permissible activities.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA.

Remarks of the Technical Expert Committee

- While carrying out the repairing and strengthening of the existing shore protection sea wall, the proponent clarified that, the proposed methodology is a hybrid model, hence, it may be clarified before the authority on the structural stability of the structure for prolonged sustained protection to the monument.
- A study on 'Impact of the project on the adjacent coastal areas' shall be carried out and a report shall be submitted or presented to the authority.
- The proponent clarified that, the repaired structure would stretch upto 20m which would just be submerging without having to cause any impact on the flora and fauna of underwater at sea bottom.
- The TEC has recommended the proposal for consideration of the TNSCZMA with the above remarks.

Agenda Item No.07: Construction of Fish Landing Centre in Vanagiri Village, Sirkazhi Taluk of Mayiladuthurai district by Asst. Director of Fisheries and Fishermen Welfare Department, Nagapattinam (North)

The Assistant Director, Department of Fisheries and Fishermen Welfare, Nagapattinam (North) has proposed for the construction Fish Landing Centre at Vanagiri Village, Sirkazhi Taluk, Mayiladuthurai district. The project information and EIA report prepared by M/s. ABC Techno Labs India Pvt. Ltd., Chennai having NABET and NABL certificate valid upto 02.04.2022 and extended upto 20.07.2023. The project information and report prepared by M/s. ABC Techno Labs India Pvt. Ltd., Chennai having NABET & NABL certificate valid upto 02.04.2022 and extended upto 22.07.2023.

Need of the project

The Mechanized Fishing Boats (MFB) are landing in Poompuhar Fishing Harbour at present due to non-availability of adequate landing and berthing facilities, only the Fibre Reinforced Plastic Boats (FRB) boats are to be landed at Vanagiri Village. The Nagapattinam district has 1335 MF Boats, which is second largest maximum number of MF Boats in Tamil Nadu. Hence, the Fisheries Department has proposed to construct the Fish Landing Centre with various facilities at Vanagiri Village of Mayiladuthurai district.

Location of the project

The proposed project is construction of the Fish Landing Centre with various facilities at Vanagiri, Mayiladuthurai district and the geographical location of the project is 11°08'08" N, 79°51'49.15" E.

Description of the project

The Project Proponent has proposed to develop a Fish Landing Centre to cater the increasing needs of the fisherfolk of Vanagiri in Mayiladuthurai district. The infrastructure facilities are including the following proposed activities.

RCC Diaphragm Wall

A 90m length anchored diaphragm wall structure is proposed consisting 0.6m thickness with 4m length panel size and deadman wall of 0.3m thickness. Diaphragm wall is connected by coping beam 0.75 x 1.8m, longitudinally with top level of (+) 2.00m CD to (+) 0.2m CD. Diaphragm Wall and Deadman wall is connected at (+) 0.5m CD (i.e. 1.5m from top level) with the rod of 63mm dia at 2m c/c. 2T bollard is proposed at 4m c/c on top of Diaphragm wall and Tyre fenders are proposed at 2m c/c.

Fish Auction Hall

Fish Auction Halls are sheltered sheds, covered from all four sides meant for auctioning of fresh fish landed by the boats. Various fish handling operations like working, sorting, weighing, auctioning, icing, packing and loading of the packed fish into the waiting transport are some of the major activities undertaken in the proposed 20m X 14m Auction Hall.

Fishnet Mending Shed

20m length x 10m wide fishnet mending Sheds is proposed for mending, drying and repairing of fishnets.

Dredging

The proposed project involves dredging of river bed from bar mouth opening till the proposed FLC, in order to smooth movement of boats for berthing purpose. The proposed dredging area is (-) 3.00m CD and the estimated quantity of dredging is about 44,000 m³.

Road

Approach road is proposed to a length of 150 running meter and width of 6m for conveying the diaphragm wall from the Auction Hall and Net Mending Shed with providing a 0.15m thickness of Concrete Road.

Fresh Water supply

The freshwater requirement of 1 KLD will be met out from TWAD Board. An overhead storage tank is proposed for storing one day requirement.

Waste disposal

The solid waste will be collected through bins and the same shall be removed at frequent intervals and disposed of in such a way as to avoid pollution. Such waste might be used for animal feed or fish silages or could be buried in pits as engineered secured landfills.

CRZ Classification and total cost of the project

The proposed dredging area is falls in CRZ-IB (Intertidal Zone), CRZ-III (No Development Zone) and CRZ-III (200m to 500m from HTL). The proposed Auction Hall and Net Mending Shed are falls in CRZ-III (No Development Zone) and the proposed Diaphragm Wall is falls in CRZ-III (200m to 500m from HTL). The total cost of the project is Rs.8.00 crores.

DCZMA recommendations

The DCZMA for Mayiladuthurai district has recommended the proposal to SCZMA in the meeting held on 06.05.2022, with the following conditions.

1. The Project Proponent shall ensure that there shall not be any damages to the marine aquatic animals due to establishment and commissioning of Fishing Landing Centre.
2. The project proponent shall ensure that Olive Ridley Turtles Egg Hatchery existing at Vanagiri Village, Sirkali Taluk, Mayiladuthurai District shall not be affected due to establishment and commissioning of Fish Landing Centre.
3. The Project Proponent shall explore the possibility of relocating Olive Ridley Turtles Egg Hatchery existing at Vanagiri Village, Sirkali Taluk, Mayiladuthurai district to Kilmoovarkarai Village, Sirkali Taluk.
4. The Project Proponent shall ensure that there shall not be any washing of fishes and shall ensure that shall not be any generation of trade effluent.
5. The Unit shall dispose the solid wastes to be generated if any as per the Solid Waste Management Rules, 2016.
6. The construction debris and other type of waste shall not be disposed of into the CRZ areas.

7. The Project Proponent shall start the construction activities only after obtaining CRZ Clearance from the Competent Authority.

The Project Proponent has submitted the compliance report on the above conditions, vide letter dated 03.05.2023.

Provisions in the CRZ Notification, 2011

- As per CRZ Notification, 2011, vide Para 4 (i) (a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.
- Para 4 (f), construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures and salt works are permissible activities.
- Para 3 (i) (a) & 3 (iv) (b to d) construction for the foreshore facilities in CRZ and land reclamation, bunding or disturbing /the natural course of seawater for the construction or modernization or expansion of foreshore facilities like Ports, harbours, jetties etc., are permissible activities.
- Para 8 (i) III CRZ-III (A)(I), facilities required for local fishing communities such as fish drying yards, auction halls, net mending yards, traditional boat building yards, ice plant, ice crushing units, fish curing facilities and the like, are permissible activities.
- Para 8 III CRZ-III (A)(J), construction of dispensaries, schools, public rain shelter, community toilets, bridges, roads, provision of facilities for water supply, drainage, sewerage, crematoria, cemeteries and electric sub-station which are required for the local inhabitants may be permitted on a case to case basis by CZMA.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.

Remarks of the Technical Expert Committee

- The Proponent should furnish details such as location of dumping of the dredged material and quantity of dredging to be done.
- A study has to be done on 'Subsequent Sedimentation' and report has to be submitted.
- The TEC has recommended the proposal for consideration of the TNSCZMA with the above remarks.

Agenda Item No.08

Proposed construction of Tail end Check Dams at Confluence points of Thamirabarani River with sea at R.S.No. 250, Mukkani Village, (Check Dam ARM-1), Srivaikundam Taluk, Thoothukudi district and at R.S. No.23 & 62, Punnaikayal Village (Check Dam ARM-II) and R.S. No. 747, Sernthamangalam Village (Check Dam ARM-III) of Tiruchendur Taluk, Thoothukudi district by the Executive Engineer, Water Resource Department Thamiraparani Basin Division, Tirunelveli

The DCZMA for Thoothukudi district has forwarded the proposal for the proposed construction of Tail end Check Dams at Confluence points of Thamirabarani River with sea at R.S.No. 250, Mukkani Village, (Check Dam ARM-1), Srivaikundam Taluk, Thoothukudi district and at R.S. No.23 & 62, Punnaikayal Village (Check Dam ARM-II) and R.S. No. 747, Sernthamangalam Village (Check Dam ARM-III) of Tiruchendur Taluk, Thoothukudi district by the Executive Engineer, WRD, Thamiraparani Basin Division, Tirunelveli.

Need of the project

The main aim is to prevent the seawater intrusion at Mukkani, Punnakayal and Serthamangalam coastal area of Thoothukudi district on Thamiraparani River. The Tamiraparani River branches into three arms at 1.50 km, downstream of Athur Highway bridge and confluence with the sea, the Arm-1, Arm-2, Arm-3 lies in Mukkani, Punnakayal and Serthamangalam Villages respectively. The above said three villages near confluence point are facing surface seawater intrusion during High tide time. The movement of seawater enter towards the landslide, mingles with standing good water and make it saline. By implementing the scheme, the sub soil water quality in the surrounding wells around the tail end check dams will improved by preventing salinity.

Brief Description of the Project

The proposed project involves construction of check dams three numbers to prevent the sea water intrusion in Mukkani, Punnakayal and Sernthamangalam Villages which improve sub soil water qualities in the surrounding well around the tail end check dams with the following components.

- Construction of Check dam at Mukkani (ARM-I) with a total length of 208m (CRZ-IB-41m, CRZ-IVB-166m and CRZ-III-1m)

- Construction of Check dam at Punnakayal (ARM-II) with a total length of 419m (CRZ-IB - 318m, CRZ-III - 101m)
- Construction of Check dam at Sernthamangalam (ARM-III) with a total length of 180m (CRZ-III-9m, outside CRZ-171m)

Mukkani - Arm-I (Crest level Check Dam)

The length of structure between the abutments is adopted as 172m after giving sufficient length for formation of banks. The crest level has been fixed at + 1.30m (+1.05 HTL + 0.15m free board). The Upstream and Downstream bed level has been fixed as - 0.700m. The maximum flood discharge is 955.13 Cumecs.

Punnakayal (Arm-II)

The length of structure between the abutments is adopted as 383m after giving sufficient length for formation of banks. The crest level has been fixed at + 1.30m (+1.05 HTL + 0.15m free board). The Upstream and Downstream bed level has been fixed as - 0.700m. The maximum flood discharge is 2418.67 Cumecs.

Serthamangalam Check Dam (Arm-III)

The length of structure between the abutments is adopted as 162m after giving sufficient length for formation of banks. The crest level has been fixed at + 1.30m (+1.05 HTL + 0.15m free board). The Upstream and Downstream bed level has been fixed as +0.00m. The Maximum flood discharge is 743.82 Cumecs.

Location of the Check Dams with Site co-ordinates

Project Site	Longitude	Latitude
Mukkani Check Dam (Arm-I)	78°5'30.578"E	8°39' 0.041"N
	78°5'33.439"E	8°38' 53.904"N
Punnakayal Check Dam (Arm-II)	78°6'7.848"E	8°38' 37.335"N
	78°6'11.916"E	8°38' 24.324"N
Sernthamangalam Check Dam (Arm-III)	78°6'13.788"E	8°38' 5.604"N
	78°6'9.207"E	8°38' 1.056"N

EIA Study and Salinity ingress and fresh water recharge report

The Marine Environmental study for the project was carried out by the Centre for Advanced Studies in Marine Biology, Annamalai University and also EIA studies have been carried out by M/s. Right Source Industrial Solution Pvt. Ltd., Hyderabad, having certificate of Accreditation from NABET valid upto 29.10.2024.

Total Project cost and CRZ Classification

The total cost of the project is Rs.46.14 crores. The CRZ classification of the proposed site is CRZ-IB, CRZ-III, CRZ-IVB.

Recommendation of DCZMA for Thoothukudi district

The DCZMA for Thoothukudi district has recommended the proposal to the SCZMA in the 74th meeting held on 05.04.2022.

Provisions in CRZ Notification, 2011

- As per CRZ Notification 2011, vide Para 3 (iv) (d), constructions in respect of "measures to prevent sand bars, installation of tidal regulators, laying of storm water drains or for **structures for prevention of salinity ingress and freshwater recharge** based on carried out by any agency to be specified by MoEF". (The MoEF & CC, Govt. of India have in Office Memorandum No.11-83/2005-IA-III dated 24th February 2011 issued instructions that the said projects should be examined by one among the 7 institutions viz., ICMAM, IIT Chennai, National Centre for Sustainable Coastal Management (NCSCM), NIT Surat, Department of Erosion Directorate (Ministry of Water resources), IIT Bombay, Central Water and Power Research Station and based on the recommendations made by one of these institutions, the project would be considered for clearance by the TNSCZMA)
- The Project Proponent has got vetting for the drawing to the proposed construction, from Dr. S. A. Sannasiraj, Professor, Department of Ocean Engineering, IIT-Madras, Chennai vide letter dated 20.04.2023.
- As per the CRZ Notification, 2011 Para 4 (i)(a), Clearance shall be given for any activity with the CRZ, if it requires waterfront and foreshore facilities.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.

Remarks of the Technical Expert Committee

As most of the technical details required by the TEC were not explained during the presentation, the proposal shall be referred back to the concerned DCZMA for site inspection and ground truth report on the impacts of the inundation, saline water ingress into adjacent areas, impact on the fresh water flow, shall be submitted through DCZMA.

Agenda Item No.09 **Establishment of Petrol / Diesel Bunk at SF No. 519/17, 519/8B2 of Kadiappattinam Village, Kalkulam Taluk, Kanyakumari district by Thiru Alasius. D., Kanyakumari**

Thiru Alasius. D., Keezhamuttom, Kanyakumari Village, Kanyakumari district has proposed to establish a Petrol / Diesel Bunk at SF No. 519/17, 519/8B2 of Kadiappattinam Village, Kalkulam Taluk, Kanyakumari district.

Project description

The total available land area of the project is 1225 sq.mtr and the total built up area of the proposed construction is 271.10 sq.mtr. The project is to establish retail outlet petrol / diesel bunk.

Project location

The project is located at SF No. 519/17, 519/8B2 of Kadiappattinam Village, Kalkulam Taluk, Kanyakumari district. The geo coordinates of the project location is 8°7'39.117"N, 77°19'44.229"E.

Project components

The main component of the project is installation of underground tanks (20 KL (tank size 2.01m dia x 6.75m) and 15 KL (2.01m dia x 5m)) to store High Speed Diesel (HSD), Petrol and pump islands (1 x 2 Nos.) to distribute diesel and petrol. All the pumps will operate under the canopy (shed). This fuel station is target to outreach a multitude of people in the surrounding locality. The Petroleum & Explosives Safety Organization (PESO), Ministry of Commerce and Industry, Chennai has approved the site for installation, vide Approval No.A/P/SC/TN/14/10923 (P503671), dated 20.04.2021.

- The water requirement during the operation phase is estimated to be about 100 litre per day. The required fresh water will be met from the Municipal supply.
- The power required for the entire operation of the fuel station will be met by TANGEDCO source. Standalone DG Set of 15 KVA will be provided in case of power failure.

CRZ Classification and Project cost

The entire site 1225 sq. mtr. is falling in CRZ-III. The proposed cost of the project is Rs.70.86 lakhs.

DCZMA recommendation

The DCZMA for Kanyakumari district has recommended the project to SCZMA in the 96th meeting held on 02.05.2023

Provision in the CRZ Notification, 2011

As per CRZ Notification 2011, vide Para 8 III CRZ-III (B) (ii), facilities for the receipt and storage of petroleum products shall be allowed in CRZ-II areas and as per the Para 4 (i) (d) of the said Notification, the proposal may be recommended to the concerned local planning Authority.

Remarks of the Technical Expert Committee

- The said activity is a permissible activity qualifying all the necessary requirements as per CRZ notification.
- The TEC has recommended the proposal for consideration of the TNSCZMA.

Agenda Item No.10 **Proposed construction of service apartment at SF No. 360 (pt), Kottakuppam Village, Vanur Taluk, Villupuram district by Tmt. Vasanthi, Adyar, Chennai.20**

Tmt. G. Vasanthi, Adyar, Chennai has sent a proposal for construction of Service Apartments at S.F.No. 360 pt, Kottakuppam Village, Vanur Taluk, Villupuram district, for Clearance under the CRZ Notification, 2011.

Project description

The total area of the project is 624 sq.m for constructing the service apartment.

Project location

The project is located at SF No. 360 pt, Kottakuppam Village, Vanur Taluk, Villupuram district.

Project components

- The main component of the project is constructing the service apartment. The Project Proponent has proposed to construct 2 Blocks with total built up area of 556 sq.mtr.
- The Block 1 is to be constructed with G+2 floors with built up area of 449 sq.mtr. and the Block 2 is to be constructed only Ground Floor with a built-up area of 107 sq.mtr. Hence total area of the project is 556 sq.mtr.
- The FSI of the construction is 0.80
- The proponent also planned to construct small swimming pool (infinity pool of size of 20 ft. x 12 ft with a depth of 4 ft.
- The sewage generated from the proposed project about 2 KLD will be disposed through bio-septic tank followed soak pit.
- The Project Proponent proposes to utilize DG power 35 KVA DG Set as power backup with Diesel as its fuel. The project proponent proposes to dispose the used / spent oil generated from the DG Set through TNPCB authorized recyclers.
- The Commissioner of Kottakuppam Municipality has stated that necessary road facility, street light, drinking water and drainage facilities shall provide based on the development of the project area, vide letter No.692/2023/E1, dated 13.05.2023.

CRZ Classification and Project cost

The total project site of 624 sq.m is falling in CRZ-II area and the landward side of existing road. The total and the proposed cost of the project is Rs.90 lakhs.

DCZMA recommendation

The DCZMA of Villupuram district has recommended the project to SCZMA in the 30th meeting held on 09.05.2023, with the following conditions.

1. The Project Proponent should ensure that the entire construction activity will be established as proposed
2. The Project Proponent should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
3. The proposed construction should conform to the local town and country planning regulations as modified from time to time, except the floor space Index or Floor Area Ratio which shall be as per 1991 level.
4. Planning permission shall be obtained from the commissioner, Kottakuppam Municipality.
5. The project proponent shall treat the sewage through bio Septic tank followed by soak pit as proposed.
6. All the solid waste shall be handled as per the Solid waste Management Rules 2016.
7. Construction activity shall be carried out strictly as per the provisions of CRZ Notification, 2011 on the landward side of the existing road.
8. The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
9. Any Hazardous waste generated during construction/operation phase shall be disposed off as per applicable rules and norms with necessary approvals of the TNPCB.
10. No construction activity shall be started / undertaken by the proponent until obtaining the CRZ clearance from the competent authority.
11. No ground water from Coastal regulation zone area shall be tapped for the project.
12. The proponent shall comply with the Environmental Management Plan during construction and operation phases.
13. Necessary green belt of native species shall be developed along the project area to improve the air environment as per the site plan submitted and also shall contribute to Tamil Nadu Green Climate Company towards Green Tamil Nadu Mission in order to enhance the forest and tree cover in the state.
14. The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning Permission, Plan Approval including the clearance under CRZ Notification, 2011 and other statutory clearances.

Provision in the CRZ Notification, 2011

- As per CRZ Notification 2011, vide Para 8 II CRZ-II (i) and (ii) buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures; As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as Para 8 II CRZ-II (ii) "buildings permitted on the landward side of the existing and proposed roads or existing authorized structures shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level".
- As per the Para 4 (i) (d) of the said Notification, the proposal may be recommended to the concerned local planning Authority.

Remarks of the Technical Expert Committee

- The said activity is a permissible activity qualifying all the necessary requirements as per CRZ notification.
- The Proponent has to ensure that there is no exploitation of ground water
- A proper Rain Water Harvesting structure should be provided.
- The TEC has recommended the proposal for consideration of the TNSCZMA with the above mentioned remarks.

Agenda Item No.11 **Construction of cement storage and bagging facilities at V.O. Chidambaranar Port Authority, Harbour Estate, Thoothukudi by M/s. Ultra Tech Cement Limited, Mumbai.**

M/s. Ultra Tech Cement Limited, Mumbai proposed construction of cement storage and bagging facilities at V.O. Chidambaranar Port Authority, Harbour Estate, Thoothukudi.

Description of the project:

- M/s. Ultra Tech Cements Ltd., has proposed to construct cement storage and bagging facilities at VOC Port, Thoothukudi
- The cement will be received through closed vessels from M/s. Ultra Tech Cements Ltd., Gujarat and will be unloaded to the storage silos (2 Nos. each 6000 MT capacity) through Pneumatic system.
- The said cement storage silos will be constructed in the Water area (inside the VOC Port). Then from the silos the cement will be transferred / conveyed to the packing machine (2 Nos.) which will be constructed in the reclaimed area at South of South Break Water.

Facilities of the proposed project

- Construction of two closed cement storage silos (each 6000 MT capacity).
- Pipeline (of 245m length) from VOC Port jetty to storage silos to transfer the cement from the vessel to the storage silos.
- Closed conveyor belt (of 400m length) to transfer the cement from storage silos to bagging facilities.
- Construction / Installation of two packing machine each 120 TPH capacity.
- Installation of three truck loading machines each 120 TPH capacity.
- Installation of two bulk loading facilities each 300 TPH capacity.
- Construction of computer room, administrative & logistic room.
- Parking areas for the vehicles.

Other facilities of the project

- The activity involved is only storing of the cement in silos and packing (bagging) in 50 Kg bags.

.34.

- To control the dust emission from the storage silos and from all transfer points Bag filters are proposed to be provided.
- During the operational phase about 2KLD water will be used for domestic purpose. The sewage generated (about 1.5 KLD) is proposed to be treated in the STP installed at VOC Port.

Total built up area

The total built up area of the project is 14,480 sq.mtr.

Total cost and CRZ Classification of the project

The total cost of the project is Rs.190 crores and the CRZ Classification of the project is CRZ-IVA areas.

Recommendations of the DCZMA of Thoothukudi district

The DCZMA of Thoothukudi district has recommended the proposal to SCZMA in the meeting held on 12.01.2023, with the following conditions.

- The Unit shall obtain combined EC & CRZ clearance from TN-SEIAA.
- The Unit shall not dispose the sewage and municipal solid waste within the premises and shall ensure that the same are treated in the facility provided in VOC Port Authority.
- The Unit shall provide adequate dust control measures to control the dust emission generated from silos and from all transfer points.
- The construction works and other activities may be carried out without causing any disturbances and damages to the marine wildlife and their habitats.

The Project Proponent has submitted the compliance for the above said conditions, vide letter dated 24.02.2023.

Provisions as per the CRZ Notification, 2011

- As per Para 3(ii)(b) of CRZ Notification, 2011, facilities for receipt and storage of fertilizers and raw materials required for manufacture of fertilizers like ammonia, phosphoric acid, sulphur, sulphuric acid, nitric acid and the like, shall be permitted within the CRZ in the areas not classified as CRZ-IA.

- Storage of non-hazardous cargo, such as edible oil, fertilizers and food grains in notified port is permissible in CRZ-II areas, as per Para 8(i) II CRZ-II (vi) of CRZ Notification, 2011. But, there is no specific provisions in CRZ-IV areas.
- As per Para 4(ii)(d), laying of pipelines, conveying system, transmission line are permissible activities and should obtain clearance from MoEF & CC, GoI.

Decision of TNSCZMA in 120th Meeting

The proposal has been placed before the Authority in the 120th Meeting held on 05.04.2023 and the Authority decided that field visit would be made by Technical Expert Committee to proposed project site to understand the necessity of placing the Silos structure in the water spread area and also to ascertain the feasibility of the project proposal in the reclaimed areas. Based on the field visit, the proposal may further appraised before the TNSCZMA.

Accordingly, the Technical Expert Committee along with MS-TNSZMA have visited the site on 27.05.2023 and submitted report (copy enclosed).

The Site Inspection report is submitted for taking suitable decision.

Agenda Item No.12

Existing Unit of M/s. Matha Ice Plant at S.No.579/2, Kollencode Village, Vilavancode Taluk, Kanyakumari district proposed by Thiru Benedict Johnson, Matha Ice Plant, Kollencode Village, Vilavancode Taluk, Kanyakumari district

The DCZMA for Kanyakumari district has forwarded the proposal for Clearance under the CRZ Notification, 2011 for the existing Unit of M/s. Matha Ice Plant at S.No.579/2, Kollencode Village, Vilavancode Taluk, Kanyakumari district proposed by Thiru Benedict Johnson, Matha Ice Plant, Kollencode Village, Vilavancode Taluk, Kanyakumari district.

2) The Project Proponent stated that the construction of Ice Plant was commenced with a capacity of 65 HP in 1996 based on the approval of the Deputy Director of Health Service, Nagercoil dated 14.12.1996 with a plinth area of 149.55 sq.mtr. The project site is falling in CRZ-II area (Map No.10) and the cost of the project is Rs.1.40 crore.

3) In the minutes of the DCZMA (held on 18.08.2020), it has been mentioned that TNPCB has issued with closure directions and disconnection of power supply to the Unit vide TNPCB Proc. No. T1/TNPCB/F-009291/NGL/Closure/W&A/2020-4 dated 22.06.2020 since the unit operated without the consent of the Board under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution), Act, 1981 and also being operated within CRZ area without obtaining necessary Clearance under the CRZ Notification and the Unit's power supply has been disconnected by the TNEB.

4) The DCZMA for Kanyakumari district has recommended the proposal to SCZMA for considering the issue of CRZ Clearance under CRZ Notification, 2011 subject to various conditions.

5) Further, M/s. Matha Ice Plant has sent a representation along with a copy of NoC issued by Kollencode Town Panchayat on 08.01.1997, planning permission issued on 08.01.1997, Building permit dated 24.01.1997 from Town Panchayat, EB Connection dated 04.07.1997, certificate of Registration of the Unit as Ice Plant dated 16.06.1997 and requested Clearance under the CRZ Notification, 2011. Accordingly, the DCZMA of Kanyakumari district was requested by TNSCZMA to send the remarks.

6) The DCZMA for Kanyakumari district has stated below in the 88th meeting of the DCZMA held on 23.02.2021.

"With respect to the remarks called by the SCZMA on the Unit of M/s. Matha Ice Plant, the DCZMA took note of the CRZ Notification, 1991 and the CZMP approval in 1996. The DCZMA has resolved that necessary guidance to be obtained from SCZMA on the subject, as the Unit has claimed that the Unit was established in 1997 and the local body has endorsed the Unit's claim. Further decision may be taken by the SCZMA on the Unit's claim".

7) In this connection, the following details are furnished.

- a) The CRZ Notification, 1991 was issued by MoEF, GoI on 19.02.1991.
- b) As per the guideline of the CRZ Notification, 1991, the Coastal Zone Management Plan for coastal area of Tamil Nadu was prepared and approved by the GoI on 27.09.1996.
- c) The MoEF, GoI have constituted the Tamil Nadu State Coastal Zone Management Authority for scrutinizing the proposal which requires CRZ Clearance on 26.11.1998 and the first meeting of the TNSCZMA was held only after constitution of the Authority.
- d) M/s. Matha Ice Plant has submitted a copy of the NoC issued by Kollencode Town Panchayat on 08.01.1997, planning permission issued on 08.01.1997, Building permit dated 24.01.1997 from Town Panchayat, EB Connection dated 04.07.1997, certificate of Registration of the Unit as Ice Plant dated 16.06.1997, which was prior to the TNSCZMA's first meeting.

8) The subject was placed before the 115th meeting of TNSCZMA held on 05.04.2022 and the Authority felt that as the post facto clearance provisions are not available in the CRZ Notification, 2011 and decided to return the proposal to the DCZMA. Hence, the proposal was returned to DCZMA, vide this office letter dated 12.05.2022.

9) Now, the applicant has sent another representation and informed that they have completed its structure and started functioning after obtaining required certificates and permits from the concerned authorities before 1998 itself, and by the time the TNSCZMA was not constituted by the MoEF & CC, Govt. of India. Hence, the Project Proponent has stated that he was not informed by the local body or any other Government authority to obtain the CRZ Clearance. A copy of the letter along with its enclosure is sent herewith.

Remarks of the Technical Expert Committee

- The Proponent stated that necessary permissions from the concerned local authority were obtained in 1997 even before the constitution of TNSCZMA which was constituted only in 1998.
- Further, he stated that they have completed its structure and started functioning after obtaining required certificates and permits from the concerned authorities before 1998 itself, and by the time the TNSCZMA was not constituted by the MoEF & CC, Govt. of India.
- The TEC decided that the subject may be placed again before the Authority, for taking suitable decision.

Agenda Item No. 13 **Hon'ble Supreme Court orders with reference to M/s. KTV Oil Mills Pvt. Ltd and KTV Health Food PVT Ltd., Chennai (Civil Appeal No: 3626/2020 & 3639/2020)**

The Two storage terminals namely M/s K.T.V Health Food Pvt Ltd at Tondiarpet Taluk and another one at Thiruvottiyur Taluk in the name of M/s K.T.V. Oil Mills Pvt Ltd in order to store the edible oils received from the Chennai Port Trust through pipelines and the details are as below.

M/s K.T.V Health Food Pvt Ltd.,

M/s K.T.V Health Food Pvt Ltd, old SF No: 4061, New SF No: 4061/A, 4061/2, Tondiarpet Part 1 village, Tondiarpet Taluk, Chennai District. The unit has obtained consent of the Board on 05/04/2019 for the Storage of Edible oil of 12825KL in five tanks of 1720KL, 1442KL, 855KL, 1281KL, 867527KL.

M/s K.T.V Oil Mills Pvt Ltd.,

M/s K.T.V Oil Mills Pvt Ltd, New T.S.No:26/1, (old R.S.No: 193/1A1, 1A2, 194/1B) and block No: 12, Ward-J, Thiruvottiyur Village, Thiruvottiyur taluk, Chennai District is located within the Jurisdiction of O/o District Environmental Engineer, Ambattur. The unit has obtained consent of the board (C.T.O direct) on 23/05/2022 for the storage of Edible oil of 50000 tons in 13 number of storage tanks.

Pipelines:

The unit have 10 inch pipelines in order convey edible oil from Chennai Port Trust to their respective storage terminals of M/s KTV Oil Mills Pvt Ltd and M/s KTV Health Food Pvt Ltd. These pipelines were laid in the utility duct facilitated by NHAI. The unit of M/s Oil Mills Pvt Ltd has obtained clearance under CRZ notification on 12/07/2017 for the establishment of the storage terminal and pipeline for the transfer of edible oil. Similarly, the M/s KTV Health Food Pvt Ltd has also obtained clearance under CRZ notification on 08/03/2019 for the establishment of the storage terminal and pipeline for the transfer of edible oil.

Case 1:-

- Thiru M.R. Thiyagarajan, Meenava Thanthai K.R.Selvaraj Kumar, Meenavar Nalasangam, Royapuram, Chennai has filed an application No.239 of 2016 before the Hon'ble NGT (SZ) against M/s K.T.V oil mills Pvt. Ltd for the illegal construction of oil storage tank and pipelines. The Hon'ble NGT (SZ) has closed the application with a direction in its order dated: 12/04/2017 that till CRZ clearance obtained, the unit shall not carry on any activities which shall be ensured by the State Pollution Control Board and an amount of Rs.25 lakh which has been deposited with Chairman, TNPCB shall be kept in a separate account as directed earlier and shall be released as per the direction of the Tribunal as and when required.

- Subsequently, M/s KTV Oil Mills Pvt Ltd, No: 18/19, New Ennore Express high Road, Thiruvottiyur, Chennai - 600 019 has obtained the CRZ Clearance from MoEF&CC vide F.No: 11-4/2017 dated: 12/07/2017 for laying of pipeline for the transfer of edible oil from Chennai Port to Transit storage Terminal and establishment of storage transit terminal at No: 18/19, New Ennore Express High Road, Thiruottiyur, Chennai.
- Meantime, the Hon'ble NGT (SZ) in its order/judgment dated: 19/02/2020. Appeal No: 62 of 2017, ordered that "21) the authorities have considered all these aspects in its right prospective and issued clearance only for permitted activity within the regulated zone under the CRZ Notification, 2011 and its does not call for interference. Therefore, the appeal fails and the same is liable to be dismissed. 22) In the result, the appeal is dismissed. No cost."
- The Hon'ble NGT again in its judgment dated: 30/09/2020 in Appeal No: 62 of 2017 ordered the revised judgment that "73. View of the discussion made above, the appeal is allowed and the CRZ Clearance granted as per proceeding No: F.No: 11-4/2017-IA-III dated: 12/07/2017 is set aside. (ii) the 6th respondent (KTV Oil Mills) is directed to remove the construction made in the disputed area within a period of 3 months and if it is not done, the Tamil Nadu Coastal Zone Management Authority (TNSCZMA) is directed to take step to remove the same and recover the expenses incurred for removing the same from the 6th respondent.

Case II:-

- Thiru M.R. Thiyagarajan, Meenava Thanthai K.R.Selvaraj Kumar, Meenavar Nalasangam, Royapuram, Chennai has filed an application No. 238 of 2016 before the Hon'ble Tribunal against the illegal construction of oil storage tank and pipelines by M/s KTV Health Food Pvt Ltd, Tondiarpet Part 1 village, Tondiarpet Taluk, Chennai District. The Hon'ble Tribunal in the order dated: 23/03/2017 and judgment which read as follow,

"5. In our order dated 18.1.2017 we have directed the 12th respondent to immediately stop its operations carried on at No.1, 2 & 3, S.N. Chetty Street, Tondiarpet, Chennai 600 081 and also directed the 6th respondent - Board to ensure that the 12th respondent unit stopped its operations and file status report. Accordingly, the Board has filed the status report dated 14.2.2017 in which it is stated that the Board has issued direction by proceedings dated 31.1.2017 for closure of the unit and stoppage of power

supply to the unit. It is also stated that accordingly the power supply to the 12th respondent was disconnected on 7.2.2017. The learned counsel appearing for the 12th respondent would submit that immediately after the original closure order was passed, the unit was already closed.

6. Be that as it may, now that the unit was closed, we make it clear that no activity shall be carried on in the said unit, unless and until MoEF & CC passes appropriate orders in the manner known to law."

- Subsequently, M/s KTV Health Food Private Limited, Chennai has obtained Post facto CRZ clearance for the pipeline for transfer of edible oils from Chennai Port to storage Terminal Tank and Establishment of storage transit terminal at Tondiarpet Village and Taluk, Chennai District, vide Letter F.No:11-18/2016-IA-III dated: 08/03/2019.
- An Appeal was filed by thiru M.R.Thiyagarajan in Appeal No:04 of 2019 (SZ) before the Hon'ble NGT (SZ) against M/s KTV Health Food Private Ltd challenging the CRZ clearance granted vide Proceedings F.No: 11-18/2016-IA-III dated: 08/03/2019 for the purpose of laying pipeline for transfer of edible oil from Chennai Port to the storage terminal tank and establishment of storage transit terminal at Tondiarpet village and Taluk in Chennai District.
- Subsequently, the Hon'ble NGT(SZ) in Appeal No: 4 order dated 30/09/2020 ordered as follows:

"70. The Ex-post facto clearance granted as per the impugned clearance F.No: 11-18/2016-IA-III dated: 08/03/2019 is liable to be set aside.

71. Though this tribunal while disposing of O.A No: 238 of 2016 restraining the 4th respondent from carrying out the activity till CRZ clearance is obtained, no environmental compensation was awarded. Since, it is an illegally activity done by the 4th respondent without getting prior clearance they must be liable to pay environmental compensation for the violation committed and this Tribunal also found now that the Coastal Regulation Zone Clearance granted is not sustainable and as such they are liable to pay environmental compensation which this Tribunal fixes at Rs. 25lakh as in a similar case this Tribunal had awarded that much amount as environmental compensation against the sister concern of the 4th respondent unit.

72. So, the 4th respondent is liable to pay an environmental compensation of Rs. 25lakh for the violation committed by them by commencing the operation without getting prior CRZ Clearance.

73. (i) In the result, the appeal is allowed and the impugned CRZ Clearance issued to the 4th respondent by the 1st respondent by Proceeding No: F.No: 11-18/2016-IA-III dated: 08/03/2019 is set aside.

(ii) the 4th respondent is directed to pay an environmental compensation of Rs: 25,00,000/- (Rupees Twenty Five Lakhs only) for the violation committed by them in commencing the work without getting prior CRZ clearance and they are directed to deposit the amount with the Tamil Nadu State Pollution Control Board, Chennai within a period of 2 (Two) months and if the amount is not paid, the Tamil Nadu Pollution Control Board is at liberty to recover the amount from them in accordance with law.

(iii) the 4th respondent is directed to remove the structures constructed by them in the CRZ Zone within a period of 3 (three) months and if it is not removed within a period of 3 (three) months, then the Tamil Nadu Coastal Zone Management Authority (TNSCZMA) is directed to remove the same and recover the cost from the 4th respondent incurred by them for this purpose."

- Meanwhile, M/s KTV Health Food Pvt Ltd, has filed Civil appeal No: 3626 of 2020 with I.A No: 113687 of 2020 before the Hon'ble Supreme Court of India against the above said Hon'ble NGT(SZ)'s revised judgment dated: 30/09/2020. The Unit M/s KTV Oil Mills Private Limited, has also filed a civil appeal No: 3639 of 2020 with I.A No: 114437 of 202 before the Hon'ble Supreme Court of India against the above said Hon'ble NGT(SZ)'s revised judgment dated: 30/09/2020.
- The Hon'ble Supreme Court of India in Civil appeal No: 3626/2020 & 3639/2020 has issued order that there shall be stay of operation of the impugned judgment and order(s) dated: 30/09/2020 passed by the National Green Tribunal, Southern Zone, Chennai. The case was pending with the Hon'ble Supreme Court of India and directed that the following

"61. The upshot of the above discussion is as follows:

As regards, the pipelines which have been drawn, the appellants may approach the relevant District Coastal Zone Management Authority within a period of one month from today. The District Coastal Zone Management Authority will consider any application made in regard to the continued use of the pipeline and take a decision in accordance with law within a further period of six weeks from the date of the receipt of the application.

62. *In the view of the request made by the appellants that they may be permitted to continue to use the pipeline along with the storage facility for a period of one year, we would think that the interest of justice do require grant of some time. The appellants are accordingly given a period of six months from today to comply with the impugned order of the NGT. This is in regards to the direction to demolish the storage tanks. The appellant in the first appeal is given a month's time to pay the compensation ordered, if not already paid.*

63. *As far as the direction to demolish the pipelines, the matter will await the decision to be taken by the District Coastal Zone Management Authority."*

- M/s KTV Oil Mills Private Limited & KTV Health Food Pvt Ltd in the letter dated 06/02/2023 addressed to the District Coastal Zone Management Authority has requested to provide direction as mandated by the Hon'ble Supreme Court for the proposal to utilize pipeline.
- As certain details were not mentioned in the proposal, the District Coastal Zone Management Authority is not in a position to take a decision. Hence, the unit of M/s KTV Health Food Pvt Ltd & M/s KTV Oil Mills Pvt Ltd were requested to clarify and furnish the following in this regards vide letter dated: 15/03/2023 to take decision as per the order of the Hon'ble Supreme Court of India.

"Unloading of edible oil from the ship berthed at Chennai Port and transfer to the same to the storage terminal site is a continuous process till the emptying of the consignment. In the event of demolishing the storage tanks, the facility required to be established to execute the above process has not furnished by the appellant. Hence, this point maybe clarified.

Discharge of edible oil was occurred while transferring of edible oil thorough the pipeline from the Chennai Port Trust on 26/09/2022 due to occurrence of puncture in the pipeline and complains were received by the TNPCB in this regards from the public. It is not clear that whether the pipeline is reached its estimated life period as per the proposal. Hence, this point may be clarified along with the details of stability and integrity of the pipeline including monitoring system.

The details about the compensation paid as per the NGT order."

- In response to the above, M/s KTV Health Food Private Limited & KTV Oil Mills Private Limited vide letter dated 21/03/2023 has reported that "*We shall transfer cargo through pipeline to terminal inside the port Integrated Service Point Private Limited (ISPPL) initially. We have executed the agreement to store the oil in ISPPL. Based on the requirements, the cargo will then be transported using the pipeline from terminal in the port to our terminal and then inter-carting into our refinery by lorries continuously which will avoid lorry tankers entering inside the city as well as port.*" Further, it has been reported in the Letter that the pipeline is designed to withstand high pressure. The laid pipeline is Mild Steel 'C' class heavy pipe and 9.5mm wall thickness. The life of the pipeline is 25 years. The Unit of KTV Health Food Pvt Ltd, has reported that they have already remitted a sum of Rs. 25lakh as suggested by the Hon'ble NGT (SZ) order on 13 March 2023. M/s KTV Oil Mills Pvt Ltd has also reported that they have already remitted a sum of Rs: 25lakh on 20th February 2017. Both, the units have requested DCZMA to consider their proposals to allow use of pipeline to transport cargo from Port to their terminal.
- The above subject was placed before the DCZMA of Chennai district meeting held on 24/03/2023 and the DCZMA has resolved to reject the request of the units for utilizing the existing pipelines laid by the unit in absence of the storage facility at their existing terminal site. The unit has also entered an agreement with M/s Integrated Service Point Pvt Ltd located within the premises of the M/s Chennai Port Trust Limited for the transfer storage of products received through the vessel and hence, the request made by the units to utilize the existing pipelines linking existing terminal does not arise. The DCZMA has decided to submit the above decision to Tamil Nadu State Coastal Zone Management Authority so as to file the decision of the DCZMA to the Hon'ble Supreme Court of India.

Remarks of the Technical Expert Committee

- The decision taken by the DCZMA shall be placed before the TNSCZMA.

Agenda Item No.14

Revision of Scrutiny fee for the proposal which requires Clearance under the CRZ Notification 2011

In the G.O. Ms.No.166 Environment and Forests (EC-III) Department dated 20.07.1999, the Government has issued orders for the levying of Scrutiny fee from those who are seeking Clearance under CRZ Notification 1991 at the rate of 0.1% of total cost and subsequently the following slab system was introduced for the collection of scrutiny fee from the project proponents in the references 2nd and 3rd cited as follows:

<u>Project cost</u>	<u>Scrutiny fee (Rs.)</u>
Below Rs. 5 crores	50,000/-
Rs.5 crores and above but below 50 crores	2.00 lakhs
Rs.50 crores and above but below 100 crores	5.00 lakhs
Rs.100 crores and above but below 500 crores	10.00 lakhs
Rs.500 crores and above	20.00 lakhs

However, Government has been informed that in addition to the items of expenditure/ works indicated in the G.O. first cited, sufficient funds are required for developmental, research, protection and management activities along the coast.

In this connection, Government has requested to forward the details regarding the fee being collected by other coastal states like Andhra Pradesh, Gujarat, Maharashtra, Kerala, Pondicherry etc., along with the connected G.O.s to Government. Accordingly connected G.O.s have been submitted to Government.

In this connection, it is submitted that the quantum of scrutiny fee collected by the other states are less, while comparing with the scrutiny fee collected in Tamil Nadu for the projects, seeking Clearance under CRZ Notification 2011. However as stated above, since the TNSCZMA is in need of funds to perform its statutory functions and as well as for developmental, research, protection and management activities along the coast.

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Hence, the following revised fee structure is proposed.

<u>Project cost</u>	<u>Scrutiny fee (Rs.)</u>
Below Rs.1.00 crore	10,000/-
Rs.1 crore and above but below 3 crore	20,000/-
Rs.3 crore and above but below 5 crore	50,000/-
Rs.5 crore and above but below 25 crore	2.00 lakhs.
Rs.25 crore and above but below 50 crore	5.00 lakhs
Rs.50 crore and above but below 100 crore	10.00 lakhs
Rs.100 crore and above but below 500 crore	20.00 lakhs
Rs.500 crore and above	40.00 lakhs

Hence, the proposal is placed before the TNSCZMA for making recommendations to Government to issue orders for restructuring the scrutiny fee as mentioned above.

Agenda Item No.15

Proposal for establishing regional level coordination to Tamil Nadu State Coastal Zone Management Authority

The Tamil Nadu has a vast coastline of 1076 kms which constitutes about 15 percent of the total coastal length of India. The State is endowed with varied coastal habitats like mangroves, corals, seaweeds, sea grass beds, salt marshes, mudflats, sand dunes etc. that supports a variety of Marine Biodiversity.

In order to protect and regulate activities in the coastal areas, the coastal stretches were declared under Coastal Regulation Zone (CRZ) under CRZ Notification 1991 dated 19.02.1991 under the Environment Protection Act, 1986. Subsequently, the Coastal Regulation Zone (CRZ) Notification, 2011 has been issued vide S.O 19 E dated 06.01.2011 under the Environment (Protection) Act, 1986 by the Ministry of Environment, Forests & Climate Change, Govt. of India in place of CRZ Notification 1991 to protect the coastal environment and to regulate development activities along the coastal areas, thereby aiming to ensure livelihood security to the fishing communities, other local communities living in the coastal areas, to conserve and protect the coastal stretches and to promote sustainable development in the coastal areas.

In 18.01.2019, the MoEF & CC, Govt. of India promulgated CRZ Notification 2019. As per the provisions of the CRZ Notification 2019, the preparation of draft Coastal Zone Management Plan (CZMP) is under progress and the CRZ Notification, 2019 will be implemented in the State after approval of the CZMP by MoEF & CC, Govt. of India.

Tamil Nadu State Coastal Zone Management Authority (TNSCZMA)

In Tamil Nadu, the MoEF & CC, Govt. of India constituted the State Coastal Zone Management Authority (SCZMA) in 1998 for a term of three years with the Principal Secretary, Environment and Forests Department, Government of Tamil Nadu as the Chairman and the Director of Environment as its Member Secretary besides 5 ex-officio Members, 4 Expert Members and One NGO. The Authority is being reconstituted periodically at the end of every three years. The Authority is empowered with monitoring and enforcement of the provisions of CRZ Notifications in the State.

The Authority meets periodically to take action on issues related to CRZ, to recommend projects for CRZ clearance etc., The TNSCZMA has so far convened 120 meetings and taken several decisions as per the provisions of CRZ Notification 1991 and 2011. Proposal for projects such as construction of houses, Fish Landing Centers,

construction of cyclone shelters for fishermen, Desalination plant, Beach Resorts, Pipelines for fuel transport, facilities for the Thermal Power Plants, setting up of Beach resorts, Harbours/ Ports and allied facilities, construction of bridges and roads, erosion control measures are being received for clearance under CRZ Notification.

District Coastal Zone Management Authority (DCZMA)

As per the CRZ Notification, 1991, the Government of Tamil Nadu has constituted District Coastal Zone Management Authorities (DCZMAs) under the Chairmanship of the District Collectors with the District Environmental Engineers of the TNPCB as Member-Secretary for all the coastal districts vide G.O.Ms.No.163, Environment and Forests Department dated 09.06.1998. At present, there are 14 DCZMAs functioning in all the 14 coastal districts of the State. As per the said Government Order, the DCZMAs are responsible for monitoring and enforcement / implementation of the provisions of the Coastal Regulation Zone Notification and to ensure that the activities within CRZ take place as per approved Management Plan in their respective jurisdiction.

CRZ Violation

It is submitted that from 2015-16 to 2022-23, more than 150 representations were received by the TNSCZMA pertaining to violations of various activities under the CRZ Notification and the same have been forwarded to the concerned DCZMA (District Collector and the District Environmental Engineer) for taking necessary action.

In addition to that, several Writ Petitions and Applications were filed in the Hon'ble High Court of Madras and the Hon'ble NGT (SZ) with reference to the violations in CRZ areas. The Hon'ble Court and the Tribunal have taken the issues very seriously on several occasions and pointed out the failure to monitor CRZ violations.

Green Squad in the Department of Environment & Climate Change

To increase surveillance along the coast, to check and curb violations, for effective implementation of the CRZ Notification, the State Government has formed a Green Squad under the Director, Department of Environment & Climate Change vide G.O.Ms.No.245, Environment and Forests (EC.3) department dated.13.08.2004. Subsequently, the Government has issued orders for further continuation to the following posts upto 31.03.2024, vide G.O. (Rt) No. 373, Environment, Climate Change & Forest Department, dated 25.05.2022.

1. Assistant Conservator of Forests (Deputation from Forest Department)
2. Assistant Engineer
3. Ranger (Deputation from Forest Department)
4. Driver

The Assistant Conservator of Forests, Green Squad is the Convener of CRZ monitoring team. He will facilitate the inspection of sites and submit the report wherein conditions imposed for CRZ clearance were violated. At present the post of Assistant Conservator of Forests and Assistant Engineer are vacant.

Performance Audit conducted by Accountant General

A Performance Audit on "Conservation of Coastal Marine Eco-system" was conducted by the Accountant General in the Department of Environment and the files related to CRZ for the year 2015-2020 were scrutinized and the observations were furnished in the form of Draft Report 2021. The observations made by AG Audit include the following aspects:

- Lack of dedicated manpower for TNSCZMA
- Non-submission of periodical returns on CRZ violations
- Absence of Post Clearance Monitoring
- Failure to enforce submission of Half-yearly Compliance Report

The AG has also recommended the following for effective functioning of SCZMA for implementation of CRZ Notification in the State:

- The State Government may take necessary action regarding the complaints on CRZ violations
- The TNSCZMA may assess the manpower requirement for the effective functioning of the authority
- The Department may establish a robust mechanism for effective monitoring to ensure compliance to conditions stipulated in the CRZ clearance and may ensure timely submission of Half-Yearly Reports

The AG has also forwarded the Audit report to Comptroller and Audit General (CAG) of India. Based on the observations made throughout the entire coasts of India, the CAG has released a report on "Conservation of Coastal Ecosystems"- Report No.4 of 2022, in which the following observation have been made.

- National Coastal Zone Management Authority (NCZMA) as well as SCZMAs failed in carrying out their primarily responsibilities due to ad-hoc status and manpower constrains.
- Post clearance monitoring of the project was ineffective as mandatory reports such as Half-Yearly Compliance Reports and Annual Environmental Statements were not being furnished by the Project Proponent. Project Proponents did not adhere to the conditions prescribed in the clearance.
- SCZMAs did not take proactive action against the CRZ Violations and in the instances where they acted upon, follow up action was ineffective.

The CAG has also recommended the following:

- SCZMAs and NCZMA may be made permanent bodies with full time members to carryout all the mandated activities for protecting the coastal environment.

The CAG emphatically mentioned that the SCZMAs did not take proactive action against the CRZ Violations and lack of monitoring and enforcement actions would result in providing ineffective deterrence for the destruction of coastal ecology by developmental projects.

Power delegation issued to SCZMAs by Government of India

Realizing the seriousness of the above statement of CAG, the MoEF & CC, Government of India has delegated powers to issue directions under Section 5, thus empowering and authorizing SCZMAs under Section 10 (**Powers of entry and inspection**) and Section 19 (**Cognizance of offences**) respectively under the Environment (Protection) Act, 1986 to SCZMAs for taking action against the CRZ violations in OM dated 10.10.2022, MoEF& CC, GoI.

Problems faced by TNSCZMA

The Department of Environment was newly created during 1995. The department does not have a regional/ district office even after 25 years of its formation. The Department has to depend on district administration and its line departments such as TNPCB, DTCP, CMDA, Greater Chennai Corporation etc., for implementing/ enforcing the provisions of CRZ regulations, monitoring the violations and to take action on such violations in CRZ areas.

One of the notable problems faced by TNSCZMA is getting reports from DCZMAs on CRZ violations. The DCZMAs are reluctant to identify violation in CRZ areas and to take action without any statutory provisions that endow such power upon them. The Government of India has not given any statutory orders for delegation of power from SCZMA to DCZMAs in case of acting upon violations. The need for delegation of powers to DCZMAs is felt more seriously in the present scenario, where increasing number of violation cases and lack of monitoring could take a toll on good efforts being made by the Government of Tamil Nadu for coastal conservation.

Need for establishing Regional Coordination Units

The above mentioned issue was discussed in the 120th meeting of the TNSCZMA held on 05.04.2023 vide Agenda Item No.10 and the Chairperson suggested that there needs to be an effective mechanism for identification of violations in CRZ areas and necessary monitoring has to be done to take action on such violations. Accordingly, it was suggested that Zonal / Regional Units could be set up under the Department of Environment & Climate Change to follow up the implementation of CRZ regulations in the districts.

Establishing new Zonal/Regional offices at the district level requires more time and involves more tedious processes and procedures. Keeping in view of the gravity of the situation, immediate solace could be found in engaging additional manpower and deploying them at select coastal districts as the '**Regional Co-ordination Units**' for immediate monitoring and enforcement of the CRZ Notification. The proposed additional manpower would assist the District Administration in dealing with CRZ violation related cases and also acts as bridge between TNSCZMA and the DCZMAs. The Regional Coordination Units shall be comprised of one Assistant Engineer with qualification in Environmental Engineering and one GIS Assistant who shall be qualified in GIS. Considering the receipts of scrutiny fees and expenditure of Coastal Zone Development Fund, the proposed additional manpower on contract basis to be engaged at select coastal districts catering to all the 14 Coastal Districts in cluster is as follows:

Sl. No.	Name of Post	No. of posts	Salary (monthly)	Total amount (Rs.)
1	Assistant Engineer	5	Rs.40,000	Rs.2,00,000
2	Assistant / GIS Expert	5	Rs.30,000	Rs.1,50,000
	Total		Rs.70,000	Rs.3,50,000

.52.

- Expected expenditure for a year (3,50,000 x 12) : Rs.42,00,000
- Expected other recurring expenditure such as transportation, stationary, documentation charges, etc., for a year (25,000 x 12) : Rs. 3,00,000
- Total expected expenditure for a year : Rs.45,00,000

The above contract staff shall be placed at select coastal districts which will be a center point to address cluster of districts for assisting the District Administration in implementing and coordinating the CRZ regulations.

Sl. No.	Region	Districts to which the regional unit shall coordinate	Headquarter of the Regional Coordination Units
1	I	Tiruvallur, Chennai	Chennai
2	II	Chengalpattu, Villupuram	Chengalpattu
3	III	Cuddalore, Nagapattinam, Mailaduthurai, Thiruvarur	Nagapattinam
4	IV	Thanjavur, Pudukottai, Ramnathapuram	Ramanathapuram
5	V	Thoothukudi, Tirunelveli, Kanyakumari	Thoothukudi

The contractual staffs of the regional coordination units shall be accommodated in the office space available at the District Collectorates as mentioned above.

General Duties and responsibilities of the above staff

- Assisting and coordinating with the district administration in implementing the CRZ regulations.
- Assisting the TNSCZMA and DCZMA in enquiring into cases of alleged violation of the provisions of the Environment (Protection) Act, 1986 or the rules made thereunder
- Assisting the TNSCZMA and DCZMA in enquiring or reviewing cases of violations or contraventions of the said notification.

- To assist the State Authority in undertaking any sponsored Investigation / Research activities in relation to protection and conservation of Coastal Environment.
- Submitting periodical report on the CRZ violation cases through DCZMA.
- To Assist the TNSCZMA and DCZMA in post clearance monitoring

Need for engaging District Coordination Units in Post Clearance Monitoring

In the Report No.4 of 2022 of Comptroller & Audit General of India "Conservation of Coastal Ecosystem" under caption of Post clearance monitoring and enforcement of CRZ Notifications, it was pointed out that instances were observed where the Project Proponent failed to comply with conditions mentioned in the Clearance and did not submit the mandatory half yearly compliance reports to the Regional Offices of MoEF & CC.

In the CAG report it was also pointed out that, Post Clearance Monitoring is an essential component for sustainability of any developmental project. It forms an integral part of any environmental assessment process. Monitoring of the project after its approval helps in verifying the outcome of the project and also to alter the mitigation measures in case of identification of problems.

This issue related to absence of post clearance monitoring mechanism was discussed in the 120th meeting of the TNSCZMA held on 05.04.2023 vide Agenda Item No.10 and the Chairperson suggested that there needs to be an effective mechanism for monitoring the projects for which CRZ and EC clearances are issued with certain conditions and necessary monitoring has to be done to take action on such violations. Accordingly, it was suggested that a separate Agency could be set up under the Department of Environment & Climate Change for the post clearance monitoring and enforcement of CRZ Notifications.

Hence the Regional Coordination Units that are to be set up to assist TNSCZMA and DCZMAs in effective enforcement of CRZ notification would also play a major role in monitoring the projects which have obtained CRZ Clearance in all the coastal districts. Thus, the dire need that exists at present to engage a dedicated agency/mechanism to enforce Post-Clearance Monitoring will be served through the Regional Coordination Unit's manpower.

Roles and Responsibilities of Regional Coordination units in Post-Clearance Monitoring:

- In obtaining Half Yearly Compliance Reports and Annual Environmental Statements in respect of the stipulated terms and conditions of the environmental clearances from the proponents and to submit the same to the regional offices of NCZMA & SCZMA.

- To identify violations in CRZ areas.
- To ensure that Project Proponent has submitted Annual Environment Statement to the State Pollution Control Board as per provisions of the notification. The project proponent has to submit an annual environmental statement to the concerned State Pollution Control Board and the responsibility also to be with this agency.
- To ensure that the project proponent should adhere to the conditions stipulated in the clearances strictly without any lapses.
- Assisting the TNSCZMA and DCZMA for enquiring into cases of alleged violation of the provisions of the Environment (Protection) Act, 1986 or the rules made there under
- Assisting the TNSCZMA and DCZMA for enquiring or reviewing cases of violations or contraventions of the said notification.
- To assist the State Authority in undertaking any sponsored Investigation / Research activities in relation to protection and conservation of Coastal Environment.
- Submitting periodical report and action taken report on the CRZ violation cases through DCZMA.
- To ensure that CTE/CTO is obtained after the clearance, if applicable.
- To submit a report after completion of the project

Revenue received by TNSCZMA

The Department has been collecting scrutiny fee from the project proponents based on the project cost which ranges from Rs.50,000/- to Rs.20 lakhs. The collected fee is remitted into the account of Coastal Zone Development Fund and the expenditure for smooth functioning of SCZMA and other CRZ related expenditure are being met out from this scrutiny fee. The average receipt of TNSCZMA is about Rs. 1.00 to 1.20 crore per year and the average expenditure comes around Rs.30 lakhs per year. As sufficient funds are available, the expenses for engaging proposed additional manpower in the coastal districts for assisting the enforcement of CRZ regulations could be met out from the Coastal Zone Development fund.

Hence the proposal is placed before the Authority for sending proposal to Government to form of Regional Coordination Units by engaging the proposed additional manpower at select Coastal Districts addressing to all the coastal districts so as to effectively implement and enforce the provisions of CRZ regulations for enhanced coastal conservation without comprising on its protection.

Agenda Item No.16

**Report of the Comptroller and Auditor General of India on
"Conservation of Coastal Ecosystems - Improper delegation
of powers to local planning authorities to issue planning
permission to small residential construction proposals
without the recommendation of the SCZMA**

The MoEF & CC, Govt. of India have promulgated CRZ Notification in S.O. No. 19 (E) dated 06th January 2011 in supersession of the Notification of the Government of India issued in S.O. No. 114 (E) dated 19th February 1991.

In the said CRZ Notification 2011, among other things, the following instruction has been given vide para 4 (i)(d):

"Construction involving more than 20,000sq mts built-up area in CRZ-II shall be considered for approval in accordance with EIA notification, 2006 however, for **projects less than 20,000sq mts built-up area shall be approved by the concerned State or Union territory Planning authorities in accordance with this notification after obtaining recommendations from the concerned CZMA** and prior recommendations of the concern CZMA shall be essential for considering the grant of environmental clearance under EIA notification, 2006 or grant of approval by the relevant planning authority".

The proposal for delegating powers to Local Planning Authorities for the construction involving less than 20,000 sq.m built-up area in CRZ-II was placed in the 65th meeting of the Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) held on 10.02.2012 and as resolved by the Authority orders were issued for delegating the powers to grant approval for the constructions which are falling in CRZ-II areas, less than 20,000 sq mts to the Chennai Metropolitan Development Authority, Corporation of Chennai and District Coastal Zone Management Authorities, vide this Proc. No. P1/443/2011 dated 16.02.2012 (copy enclosed). A copy of the same has also been circulated to the concerned implementing departments.

In this juncture, a team from Accountant General has conducted a performance audit on "Conservation of Coastal Ecosystems" and stated in the report that the grant of clearance by planning authorities **without recommendation of SCZMA** is not in accordance with the provisions of CRZ Notification, 2011 in report No.4 of 2022.

Accordingly, the MoEF & CC, while furnishing factual status of the observation of the CAG Audit as mentioned in the report No.4 of 2022, has directed to take further necessary actions and to furnish action taken in this matter. Further, the CAG report mentioned that the delegation orders are in deviation to the Notification and TNSCZMA avoided its mandated function of recommending the project after detailed scrutiny of project proposals.

The proposal is placed before the Authority for taking decision in this matter.

Agenda Item No.17

Any other subject with the permission of the Chair

Sd./- xxxx
Thiru Deepak S. Bilgi, I.F.S.,
Member Secretary,
Tamil Nadu State Coastal Zone
Management Authority &
Director, Department of Environment &
Climate Change,
Chennai - 15.

Sd./- xxxx
Tmt. Supriya Sahu, I.A.S.,
Chairperson, Tamil Nadu State Coastal Zone
Management Authority and
Additional Chief Secretary to Government,
Environment, Climate Change &
Forests Department,
Secretariat, Chennai-9.

**MINUTES OF THE 121ST MEETING OF THE TAMIL NADU STATE COASTAL
ZONE MANAGEMENT AUTHORITY (TNSCZMA) HELD ON 26.06.2023**

The Chairperson welcomed the members of SCZMA, for the 121st meeting of the SCZMA.

Agenda Item No.01: Confirmation of the minutes of the 120th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 05.04.2023

The minutes of the 120th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 05.04.2023, communicated to the Members of the Authority in letter No. P1/1950/2021 dated 06.04.2023 of the Director of Environment & Climate change, was confirmed.

Agenda Item No.02: The action taken on the decisions of 120th meeting of the Authority held on 05.04.2023

The Member Secretary briefed the Members about the action taken by the Department of Environment and Climate Change on the decisions made during the 120th meeting held on 05.04.2023, which was noted down by the members.

The Member Secretary, TNSCZMA informed the Authority that draft CZMP as per CRZ Notification, 2019 has been prepared and the same has been uploaded in the Department's website for public information. It was also informed that the public hearing will be conducted in 12 coastal districts except Tiruvallur and Chennai districts due to an ongoing court case in O.A No.131 of 2022 at Hon'ble NGT(SZ). The Hon'ble NGT(SZ) has directed to undertake the exercise of ground truthing by using the baseline of 1996 CZMP (for map No.110 & 111) and report to this Tribunal at the earliest. The exercise should preferably be done during the

time of high tide i.e. may be in the third week of July. The Chairperson has suggested to expedite the exercise and report the fact to the court accordingly.

Agenda Item No.03: Amendment in CRZ Clearance for the revised route alignment of Seawater Pipelines and Coal Pipe Conveyance System (Conveyance Corridor) of 2 x 660 MW Ennore SEZ coal-based Supercritical Thermal Power Project at Voyalur Village, Ponneri Taluk, Tiruvallur district by the Chief Engineer / Project-I, TANGEDCO, Chennai

Project Cost: Rs.950 crore

CRZ Classification:

The proposed route for a length of about 3.0 km lies in CRZ area, of which 17.05m lies in CRZ-IA, 111.32m in CRZ-IA (50m mangrove buffer zone), 693.16m in CRZ-IB, 1658.59m in CRZ-II, 11.53m in CRZ-III (NDZ), 360.27m in CRZ-IVA, 58.78m in CRZ-IVB area (inland waterbody) and 4011.07m outside CRZ area.

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendation of the DCZMA of Tiruvallur district in the meeting held on 06.04.2023 and the replies submitted by the Project Proponent on the remarks of the Technical Expert Committee, during their presentation.

Provisions in CRZ Notification, 2011

- As per CRZ Notification, 2011, Para 4(i)(a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.
- Para 4 (ii), (d), laying of pipelines, conveying system, transmission line are permissible and Para 4 (ii) (f), foreshore requiring facilities for transport of raw materials, facilities for intake of cooling water and outfall for discharge of treated wastewater or cooling water from thermal power plant are permissible and shall require clearance from MoEF & CC, Govt. of India after being recommended by the concerned SCZMA.
- As per existing clearance issued by Ministry vide letter dated 01.01.2014, vide Para 6 (General Condition) (vi), the project proponent should apply a fresh reference to the Ministry in the event of a change in project profile or change in the implementation agency.
- Hence, the MoEF & CC, Govt. of India may issue amendment for the revised route alignment of seawater pipelines and coal pipe conveyance system.

Decision / Remarks of TNSCZMA

- The Authority observed that, the Project Proponent has obtained Environmental Clearance for establishing 2x800 MW Supercritical Thermal Power Plant vide Ministry's letter dated 07.01.2014 and obtained CRZ Clearance for construction of coal conveyor and cooling water system vide Ministry's letter dated 01.01.2014. The configuration has been changed to 2 x 660 MW vide Ministry's amendment letter dated 14.08.2018. The Project Proponent has obtained CRZ Clearance for coal pipe conveyor, cooling water

and discharge pipelines vide Ministry's letter dated 01.01.2014 and the Proponent has obtained for extension of validity for project till 31.12.2023, vide Ministry's letter dated 09.04.2021. However, the project proponent has made certain alteration in the alignment of the pipeline while implementing based on the field condition.

- The Authority further noted that, the Hon'ble NGT has taken up *suo motu* in O.A. No.162 of 2021 along with Stage-I and II and NCTPS Stage-III in which revised alignment of coal conveyor of Ennore SEZ project was involved. The Hon'ble NGT has delivered judgement on 31.01.2022 in OA No.122 of 2021 with OA No.162 of 2021 and directed to halt the work of conveyance corridor of pipe conveyor and directed to obtain necessary amendment in the existing EC & CRZ clearance for the revised alignment of conveyance system of pipe conveyor and CW system of Ennore SEZ TPP.
- It was observed that, the revised alignment of the pipelines, covers mangrove area to an extent less than 500 sq. mt., while the previous alignment covered more than 5000 sq. mt. of mangrove area.
- It was also observed that, the revised alignment crosses the waterbody for only 140 mt. than 550 mt. as per the previous alignment, thereby reducing the no. of structures to be erected in the water spread area. The revised alignment has a minimal ecological disturbance to the mangrove areas than the earlier alignment.
- Hence, the Authority considering the importance of the project in meeting out the growing demand of power of the state of Tamil Nadu and essentiality to resume the completion of the project for early commissioning, has decided to recommend the proposal for carrying out the

proposed amendment to MoEF & CC, Govt. of India, with the following conditions,

- All the recommendations in the Environmental Management Plan shall be followed.
- The Project Proponent shall ensure that their activity shall have least interference to the Mangroves, that are found in the Buffer Zone.
- The Project Proponent, in consultation with the Forest Department, formulate and implement plans for the conservation and maintenance of the Mangrove in the vicinity of the project.
- The Project Proponent shall completely remove the construction made in the CRZ area, in the abandoned alignment.
- The Project Proponent shall obtain revised NOC / revised Agreement with the Water Resource Department of Public Works, before commencing the works across the water bodies viz., Buckingham Canal and Ennore Creek Back Waters (Kosasthalaiyar River).
- The Project Proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018. The demolished materials should not be used as land fill in the construction area or be dumped along the banks.
- The pier structure should not disturb the free flow of water in the Kosasathalayar River
- The Authority hereby considers the new construction to be carried out as per the new design of the proposal.

Agenda Item No.04: Amendment in CRZ Clearance for the laying of Ash Slurry and Recovery Water Pipelines from the NCTPP Stage-III to NCTPS Ash Dyke (Pipeline System) of M/s. NCTPP Stage-III at Villages Ennore & Puzhudikvakkam, Ponneri Taluk, Tiruvallur district proposed by the Chief Engineer / Project-II, TANGEDCO, Chennai

Project Cost: Rs.69.65 crore

CRZ Classification:

The expected cost of the realignment of the project is Rs.69.65 crores (65pprox..). The proposed site is falling 271.1m in CRZ-IA (Mangrove buffer zone), 141.15m in CRZ-IB, 902.45m in CRZ-II and 59.01m in CRZ-IVB (inland water body) area and 5439.54 m outside CRZ area, which is totally 6.8 km.

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendation of the DCZMA of Tiruvallur district in the meeting held on 06.04.2023 and the replies submitted by the Project Proponent on the remarks of the Technical Expert Committee, during their presentation.

Provisions in CRZ Notification, 2011

- As per CRZ Notification, 2011, Para 4(i)(a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.
- Para 4 (ii), (d), laying of pipelines, conveying system, transmission line are permissible and Para 4 (ii) (f), foreshore requiring facilities for transport of raw materials, facilities for intake of cooling water and outfall for discharge of treated wastewater or cooling water from thermal power plant are permissible and shall require clearance from MoEF & CC, Govt. of India after being recommended by the concerned SCZMA.
- As per existing clearance issued by Ministry vide letter dated 20.01.2016, vide Para 11, the project proponent should apply a fresh reference to the Ministry in case of any deviation or alteration in the project proposed including coal transportation system.
- Hence, the MoEF & CC, Govt. of India may issue amendment for laying of Ash slurry and Recovery water pipeline from NCTPS Stage-III to NCTPS Ash dyke.

Decision / Remarks of TNSCZMA

- The Authority observed that, the earlier Environmental and CRZ Clearance was obtained from Govt. of India vide letter No.J-13012/14/2012-IA.II(T), dated 20.01.2016 for the development of 1 x 800 MW Supercritical Coal Based Thermal Power Plant Stage-III at Villages Ennore & Puzhuvakkam, Ponneri taluk, Tiruvallur district. The Clearance which includes construction of foreshore facilities viz., coal conveyor and cooling water intake and outfall pipelines, structures which are falling in CRZ areas. However, the

Proponent along with the amendment in the earlier CRZ clearance obtained from GoI also proposes request for the laying of Ash Slurry and Recovery Water Pipelines.

- The Authority further noted that, an Application No.122 of 2021 was filed by Thiru R. Ravimaran, Ennore at NGT (SZ). And the Hon'ble NGT (SZ) in *suo motu* in O.A. No.162 of 2021 along with O.A No. 122 of 2021 passed a common judgment on 31.01.2022 and therefore, the Project Proponent has applied for amendment in EC & CRZ clearance of the captioned project to resume the halted ash slurry pipeline work.
- The Authority has noted that the PP has applied for amendment in Environmental Clearance to the project to MoEF & CC, GoI. The Expert Appraisal Committee (on Environmental Impact Assessment of Thermal Power Project has scrutinized the proposal in its 17th meeting held on 30.11.2021 wherein the EAC has observed the Original Applications No.122 & 162 of 2021 filed before the Hon'ble NGT and deferred the proposal and stated that the Project Proponent need to submit the complete proposal along with information on various points including "Recommendations of the SCZMA and CRZ division in the Ministry".

Considering the facts stated above, the Authority decided to recommend the project to MoEF & CC, Govt. of India for continuing remaining work, with the following conditions:

- All the recommendations in the Environmental Management Plan shall be followed.
- The Project Proponent shall ensure that their activity shall have least interference to the Mangroves, that are found in the Buffer Zone.

- The Project Proponent, in consultation with the Forest Department, formulate and implement plans for the conservation and maintenance of the Mangrove in the vicinity of the project.
- There should not be any damage to flora and fauna.
- At most care should be taken to avoid any leakage from the pipeline.
- Proper monitoring should be done to detect any leakage in the pipeline including monitoring through CCTV. If any such incident is found unchecked, action will be taken by concerned Authorities in addition to imposing Environmental Compensation.
- Monthly monitoring report has to be furnished to TNPCB
- The pier structure should not disturb the free flow of water in the Kosasathalayar River

Agenda Item No.05: Laying of Product Operating Line (POL) Pipeline from Kamarajar Port at Ennore to CPCL at Manali via IOCL, Vallur Terminal proposed by M/s. Indian Oil Corporation Limited, Chennai

Project Cost Rs.829 crores

CRZ Classification:

The proposal involves the following CRZ areas,

CRZ - IA : 191.53m,

CRZ - IA (50m Mangrove Buffer Zone) : 456.20m,

CRZ - IB : 2798.28m,

CRZ - II : 1924.73m,

CRZ - III (NDZ) : 1695.46 and
CRZ - IVB : 374.02m.

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendations of the DCZMA of Tiruvallur district in the meeting held on 06.04.2023 and DCZMA of Chennai district in the meeting held on 24.03.2023 and also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee during their presentation.

Provisions in CRZ Notification, 2011

- Para 8 (i) CRZ-I (i) (b), pipeline, conveying system including transmission line is permissible activities.
- Para 8 (i) II CRZ-II, (iv), facilities for receipt and storage of petroleum products and liquefied natural gas as specified in Annexure-II, is permissible activities.
- However, as per Para 4 (ii) (d), laying of pipelines, conveying systems, transmission line are permissible and shall require clearance from MoEF & CC, Govt. of India.

Decision / Remarks of TNSCZMA

The Authority decided to recommend the project to MoEF& CC, Govt. of India, with the following conditions.

- Periodical monitoring has to be carried out by the proponent in addition to periodic Pipe to Soil Potential (PSP) survey and Intelligence pigging survey. The proponent shall submit the periodical-maintenance report for every six months voluntarily to the concerned regulatory agencies and also upload in their website.
- The proponent shall ensure that, the top soil excavated during erection shall be stored separately and refilled during laying of the pipeline to restore to its original condition.
- The proponent should take precautionary measures to ensure that there is no impact or disturbance to the coastal aquifers due to excavation.
- A leak detection system shall be installed for identification of leakages and its shall be ensured that an inbuilt system of timely addressing imitative measures is in place.
- The Proponent should ensure that the pipeline should have anti corrosive coating to avoid any adverse impact on ground water table.
- The pipeline shall strictly conform to norms / regulations specified in OISD as may be applicable.
- Supervisory Control and Data Acquisition (SCADA) System for monitoring and compliance mechanism shall be installed.

- The project proponent should ensure that, no debris shall be deposited or disposed off in the Coastal Regulation Zone areas. The site shall be restored to its near original condition after completion of the work.
- No permanent labour camp, machinery and material storage shall be allowed in the CRZ area.
- No construction activity shall be started / undertaken by the Proponent until obtaining the CRZ Clearance from the competent authority.
- The Project Proponent shall obtain necessary permission from PWD, WRD Division for the laying of pipeline crossing the Kosasthalayar River, Edayanchavadi River, Edayanchavadi Pond and Sadayankuppam River.
- All the solid waste shall be handled as per the Solid Waste Management Rules, 2016.
- Proper signage's shall be placed enroute the pipeline at regular intervals of 500 meters.
- An Emergency Response and Disaster Management Plan as per Petroleum and Natural Gas Regulator Board (PNGRB) shall be in place before commissioning.
- The proponent should have a dedicated Contingency Plan for the project prepared as per National Oil Spill Contingency Plan
- Consent to Establish shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.

- The construction in CRZ area shall be done strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- The project shall explore the possibilities of allocation of funds for preserving the ecology and environment.
- The proponent shall comply with the Environmental Management Plan both during construction and operation phases.
- The Project Proponent shall ensure that their activity shall have least interference to the Mangroves, that are found in the Buffer Zone.
- As proposed by the Project proponent, 0.5% on total project cost may be contributed to EMAT, for carrying out environmental related activities.

Agenda Item No.06: Proposed reconstruction of existing shore protection sea wall for the Arulmigu Subramaniya Swamy Temple, Tiruchendur of Keela Tiruchendur Village, Thoothukudi district by Executive Officer, Arulmigu Subramaniyaswamy Thirukovil, Tiruchendur

Project Cost Rs.19.80 crores

CRZ Classification:

The proposal involves the following CRZ areas, CRZ-IA (Ecologically Sensitive Area), CRZ-IB (Intertidal Zone), CRZ-II and CRZ-IVA area.

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine

the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendations of the DCZMA of Thoothukudi district in the meeting held on 12.01.2023 and also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee during their presentation.

Provisions as per the CRZ Notification, 2011

- As per the CRZ Notification, 2011, vide Para 3 (iv) (b) measures for control of erosion, based on scientific including Environmental Impact Assessment; vide Para 4 (i) (a) Clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities; vide Para 4(i)(f) and vide 8 (I) CRZ-I (ii) (b) of the said Notification, erosion control measures are permissible activities.
- As per Para 4(i) and 4.2(ii)(c) of the said Notification, the proposal may be recommended to SEIAA.

Decision / Remarks of TNSCZMA

The Authority decided to recommend the project to SEIAA for issuing CRZ Clearance, with the following conditions.

- The reconstruction of existing shore protection sea wall should be carried out as per the design proposed by the Project Proponent without exceeding the existing length of the seawall
- No withdrawal of ground water in CRZ areas is permitted.

- The activity should not have any adverse impact on the marine organisms.
- The Project Proponent should obtain all Statutory Clearances from the Competent Authorities prior to the commencement of activities.
- Impact on the adjacent coastal area in terms of erosion and accretion should be monitored.

Agenda Item No.07: Construction of Fish Landing Centre in Vanagiri Village, Sirkazhi Taluk of Mayiladuthurai district by Asst. Director of Fisheries and Fishermen Welfare Department, Nagapattinam (North)

Project Cost Rs.8.00 crores

CRZ Classification:

The proposal involves the following CRZ areas, CRZ-IB (Intertidal Zone), CRZ-III (No Development Zone) and CRZ-III (200m to 500m from HTL).

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendations of the DCZMA of Mayiladuthurai district in the meeting held on 06.05.2022 and also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee during their presentation.

Provisions in the CRZ Notification, 2011

- As per CRZ Notification, 2011, vide Para 4 (i) (a), Clearance shall be given for any activity within the CRZ only if it requires waterfront and foreshore facilities.
- Para 4 (f), construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures and salt works are permissible activities.
- Para 3 (i) (a) & 3 (iv) (b to d) construction for the foreshore facilities in CRZ and land reclamation, bunding or disturbing /the natural course of seawater for the construction or modernization or expansion of foreshore facilities like Ports, harbours, jetties etc., are permissible activities.
- Para 8 (i) III CRZ-III (A)(I), facilities required for local fishing communities such as fish drying yards, auction halls, net mending yards, traditional boat building yards, ice plant, ice crushing units, fish curing facilities and the like, are permissible activities.
- Para 8 III CRZ-III (A)(J), construction of dispensaries, schools, public rain shelter, community toilets, bridges, roads, provision of facilities for water supply, drainage, sewerage, crematoria, cemeteries and electric sub-station which are required for the local inhabitants may be permitted on a case to case basis by CZMA.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.

Decision / Remarks of TNSCZMA

The Authority decided to recommend the project to SEIAA for issuing CRZ Clearance, with the following conditions.

- The Project Proponent shall ensure that there shall not be any damage to the marine flora and fauna
- The Project Proponent shall provide toilet facility and also septic tank and soak pit arrangements for the treatment and disposal of sewage to be generated from the facility.
- As suggested by the DCZMA, the project proponent shall ensure that Olive Ridley Turtles Egg Hatchery existing at Vanagiri Village, Sirkali Taluk, Mayiladuthurai District shall not be affected due to establishment and commissioning of Fish Landing Centre.
- The Project Proponent shall ensure that there shall not be any fish processing activities as it is a prohibited activity as per CRZ notification 2011.
- The Unit shall dispose the solid wastes to be generated if any as per the Solid Waste Management Rules, 2016.
- The construction debris and dredged material and any other type of waste shall not be dumped in the CRZ areas.

Agenda Item No.08: Proposed construction of Tail end Check Dams at Confluence points of Thamirabarani River with sea at R.S.No. 250, Mukkani Village, (Check Dam ARM-1), Srivaikundam Taluk, Thoothukudi district and at R.S. No.23 & 62, Punnaikayal Village (Check Dam ARM-II) and R.S. No. 747, Sernthamangalam Village (Check Dam ARM-III) of Tiruchendur Taluk, Thoothukudi district by the Executive Engineer, Water Resource Department Thamiraparani Basin Division, Tirunelveli

Project Cost Rs.46.14 crores

CRZ Classification:

The proposal involves the following CRZ areas, CRZ-IB, CRZ-III and CRZ-IVB.

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has opined its remarks to the TNSCZMA as follows,

As most of the technical details required by the TEC were not explained during the presentation, the proposal shall be referred back to the concerned DCZMA for site inspection and ground truth report on the impacts of the inundation, saline water ingress into adjacent areas, impact on the fresh water flow, shall be submitted through DCZMA.

The SCZMA examined the recommendations of the DCZMA of Thoothukudi district in the meeting held on 05.04.2022 and also observed the replies furnished

by the Project Proponent on the remarks of the Technical Expert Committee during their presentation.

Provisions in CRZ Notification, 2011

- As per CRZ Notification 2011, vide Para 3 (iv) (d), constructions in respect of "measures to prevent sand bars, installation of tidal regulators, laying of storm water drains or for **structures for prevention of salinity ingress and freshwater recharge** based on carried out by any agency to be specified by MoEF". (The MoEF & CC, Govt. of India have in Office Memorandum No.11-83/2005-IA-III dated 24th February 2011 issued instructions that the said projects should be examined by one among the 7 institutions viz., ICMAM, IIT Chennai, National Centre for Sustainable Coastal Management (NCSCM), NIT Surat, Department of Erosion Directorate (Ministry of Water resources), IIT Bombay, Central Water and Power Research Station and based on the recommendations made by one of these institutions, the project would be considered for clearance by the TNSCZMA)
- The Project Proponent has got vetting for the drawing to the proposed construction, from Dr. S. A. Sannasiraj, Professor, Department of Ocean Engineering, IIT-Madras, Chennai vide letter dated 20.04.2023.
- As per the CRZ Notification, 2011 Para 4 (i)(a), Clearance shall be given for any activity with the CRZ, if it requires waterfront and foreshore facilities.
- As per Para 4(i) and 4.2. (ii)(c) of the said Notification, the proposal may be recommended to SEIAA, for issuing Clearance.

Decision / Remarks of TNSCZMA

TNSCZMA has observed the following in the proposal:

- The reason for locating the project in CRZ area instead of locating in the non-CRZ area (upper reaches of the river) was not furnished by the Proponent
- No structure has been proposed in the said design for flushing the sediments
- There is no study done by the proponent on the impact of Estuarian Biodiversity of those areas due to the construction of these check dams.
- Interface line between the fresh water and sea water and also the present level of sea water intrusion in those areas was not furnished by the proponent

After detailed discussion, the Authority has decided that field visit would be made by the Technical Expert Committee to the proposed project site and submit a detailed report on the technicalities of the proposed project.

The Member Secretary, TNSCZMA will have to make necessary arrangements for the proposed field visit and the DCZMA should assist in the site inspection.

Agenda Item No.09: Establishment of Petrol / Diesel Bunk at SF No. 519/17, 519/8B2 of Kadiappattinam Village, Kalkulam Taluk, Kanyakumari district by Thiru Alasius. D., Kanyakumari

Project Cost Rs.70.86 lakhs

CRZ Classification:

The proposal involves the CRZ-III areas

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendations of the DCZMA of Kanyakumari district in the meeting held on 02.05.2023.

Provisions in CRZ Notification, 2011

As per CRZ Notification 2011, vide Para 8 III CRZ-III (B) (ii), facilities for the receipt and storage of petroleum products shall be allowed in CRZ-III areas and as per the Para 4 (i) (d) of the said Notification, the proposal may be recommended to the concerned local planning Authority.

Decision / Remarks of TNSCZMA

As the proposed activity is less than 20,000 sq.mts built up area, the Authority decided to recommend the proposal to the Local Planning Authority viz., Department of Town and Country Planning, with the following conditions:-

- Adequate Rain Water Harvesting structures shall be created for ground water recharge.
- There should not be any ground water extraction in CRZ areas.
- The safety necessity and other guidelines prescribed by the Oil Industry Safety Directorate in the Ministry of Petroleum and Natural Gas, Petroleum Explosives Safety Organization (PESO) shall be strictly implemented.
- The Design and construction of petrol bunk shall comply with the prescribed / stipulated standard specifications.
- The Fire Hazard, if any, should be handled as indicated in the proposal and all the equipment and facilities should be established as proposed.
- The Unit shall dispose the solid wastes to be generated as per the Solid Waste Management Rules, 2016.
- The construction debris and any other type of waste shall not be dumped in the CRZ areas.

Agenda Item No.10: Proposed construction of service apartment at SF No. 360 (pt), Kottakuppam Village, Vanur Taluk, Villupuram district by Tmt. Vasanthi, Adyar, Chennai.20

Project Cost Rs.90 lakhs

CRZ Classification:

The project falls in CRZ-II area.

The SCZMA had referred the matter to the Technical Expert Committee (TEC) constituted by Government of Tamil Nadu vide G.O.(Ms.) No. 100, Environment, Climate Change & Forest Department dated 13.06.2022 to examine the proposals which require CRZ Clearance. The TEC has recommended the proposal to the TNSCZMA.

The SCZMA examined the recommendations of the DCZMA of Villupuram district in the meeting held on 09.05.2023 and also observed the replies furnished by the Project Proponent on the remarks of the Technical Expert Committee during their presentation.

Provision in the CRZ Notification, 2011

- As per CRZ Notification 2011, vide Para 8 II CRZ-II (i) and (ii) buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures; As per the amendment issued by MoEF., GoI in notification S.O. No. 1599 (E) dated 16th June 2015 as Para 8 II CRZ-II (ii) "buildings permitted on the landward side of the existing and proposed roads or existing authorized structures shall be subject to the local town and country planning regulations as modified from time to time, except the Floor Space Index or Floor Area Ratio which shall be as per 1991 level".
- As per the Para 4 (i) (d) of the said Notification, the proposal may be recommended to the concerned local planning Authority.

Decision / Remarks of TNSCZMA

As the proposed activity is less than 20,000 sq.mts built up area in CRZ-II and landward side of the existing road, the Authority decided to recommend the proposal to the Local Planning Authority viz., Department of Town and Country Planning, with the following conditions:-

- The Project Proponent should ensure that the entire construction activity will be established as proposed.
- The proposed construction should confirm to the local town and country planning regulations as modified from time to time, except the floor space Index or Floor Area Ratio which shall be as per 1991 level.
- Planning permission shall be obtained from the Commissioner, Kottakuppam Municipality.
- The project proponent shall treat the sewage through Bio-Septic tank followed by soak pit as proposed.
- All the solid waste shall be handled as per the Solid Waste Management Rules 2016.
- Construction activity shall be carried out strictly as per the provisions of CRZ Notification, 2011 on the landward side of the existing road.
- The project proponent shall adhere to the Construction and Demolition Waste Management Rules, 2018.
- Any Hazardous waste generated during construction/operation phase shall be disposed off as per applicable rules and norms with necessary approvals of the TNPCB.

- No ground water from Coastal regulation zone area shall be tapped for the project.
- The proponent shall comply with the Environmental Management Plan during construction and operation phases.
- Necessary green belt of native species shall be developed along the project area to improve the air environment as per the site plan submitted.
- The project proponent shall undertake the establishment only after getting the required Clearances from Competent authorities such as Planning Permission, Plan Approval including the clearance under CRZ Notification, 2011 and other statutory clearances.

Agenda Item No.11: Construction of cement storage and bagging facilities at V.O. Chidambaranar Port Authority, Harbour Estate, Thoothukudi by M/s. Ultra Tech Cement Limited, Mumbai.

Project cost: Rs.190 crores

CRZ Classification:

The proposed activity falls in CRZ-IVA (Reclaimed land)

During the appraisal in 120th meeting of TNSCZMA, the authority had decided that, there shall be a field visit to be taken up by the Technical Expert Committee Members of the TNSCZMA. Accordingly, the expert committee members made the field visit on 27.05.2023 and submitted their field inspection report.

The SCZMA examined the recommendations of the DCZMA of Thoothukudi district in the meeting held on 12.01.2023 and also the field inspection report of the Technical Expert Committee during their presentation.

Provisions as per the CRZ Notification, 2011

- As per Para 3(ii)(b) of CRZ Notification, 2011, facilities for receipt and storage of fertilizers and raw materials required for manufacture of fertilizers like ammonia, phosphoric acid, sulphur, sulphuric acid, nitric acid and the like, shall be permitted within the CRZ in the areas not classified as CRZ-IA.
- Storage of non-hazardous cargo, such as edible oil, fertilizers and food grains in notified port is permissible in CRZ-II areas, as per Para 8(i) II CRZ-II (vi) of CRZ Notification, 2011. But, there is no specific provisions in CRZ-IV areas.
- As per Para 4(ii)(d), laying of pipelines, conveying system, transmission line are permissible activities and should obtain clearance from MoEF & CC, GoI.

Decision / Remarks of TNSCZMA

The Authority decided to recommend the project to MoEF& CC, Govt. of India, with the following conditions:

- As clarified by the proponent, the entire facility shall have to be handled and conveyed through a closed system and there will be no open handling for transportation of cement, thereby ensuring no threat of cement leaching into the sea water.

- There shall be long term monitoring mechanism as part of the handling system.
- Adequate safety precautions have to be taken by the proponent to take utmost care in providing all the safeguards and to ensure that regular online data sets are collected to prove that environmental safety regulations are adhered to. Regular online data collection should be conducted and the data should be linked to website to demonstrate compliance with environmental safety regulations.
- All the solid waste shall be handled as per the Solid Waste Management Rules, 2016 and the same shall be treated in the facility provided in VOC Port Authority.
- The Unit shall provide adequate dust control measures to control the dust emission generated from silos and from all transfer points.
- The construction works and other activities may be carried out without causing any disturbance and damage to the marine wildlife and their habitat.
- The project proponent should ensure that, no debris shall be deposited or disposed off in the Coastal Regulation Zone areas.
- No construction activity shall be started / undertaken by the Proponent until obtaining the CRZ Clearance from the competent authority.
- Consent to Establish shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.

- The construction in CRZ area shall be done strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
- The project shall explore the possibilities of allocation of funds for preserving the ecology and environment.
- The proponent shall comply with the Environmental Management Plan both during construction and operation phases.
- The Project proponent may voluntarily contribute 0.5% of total project cost to EMAT for carrying out environment related activities.

Agenda Item No.12: Existing Unit of M/s. Matha Ice Plant at S.No.579/2, Kollencode Village, Vilavancode Taluk, Kanyakumari district proposed by Thiru Benedict Johnson, Matha Ice Plant, Kollencode Village, Vilavancode Taluk, Kanyakumari district

The Authority observed the following facts pertaining to the proposal:

- a) The CRZ Notification, 1991 was issued by MoEF, GoI on 19.02.1991.
- b) As per the guideline of the CRZ Notification, 1991, the Coastal Zone Management Plan for coastal area of Tamil Nadu was prepared and approved by the GoI on 27.09.1996.
- c) The MoEF, GoI has constituted the Tamil Nadu State Coastal Zone Management Authority for scrutinizing the proposal which requires CRZ Clearance on 26.11.1998 and the first meeting of the TNSCZMA was held only after constitution of the Authority.
- d) M/s. Matha Ice Plant has submitted a copy of the NoC issued by Kollencode Town Panchayat on 08.01.1997, planning permission issued on

08.01.1997, Building permit dated 24.01.1997 from Town Panchayat, EB Connection dated 04.07.1997, certificate of Registration of the Unit as Ice Plant dated 16.06.1997, which was prior to the TNSCZMA's first meeting.

e) The Authority observed following provisions under the CRZ notification of 1991 is as follows,

- The MoEF & CC, Govt. of India has issued CRZ Notification, 1991 in 19.01.1991 declaring the coastal stretches of sea, bays, estuaries, creeks, rivers and backwaters which are influenced by tidal action (in the landward side) upto 500 meters from the High Tide Line (HTL) and the land between the Low Tide Line (LTL) and the HTL as Coastal Regulation Zone (CRZ) and imposes with effect from the date of issue of Notification (i.e.19.01.1991) and restricted the setting up and expansion of industries, operations or processes etc., in the CRZ area.
- As per Para 3 (i) of CRZ Notification, 1991, the coastal States and Union Territory Administration shall prepare, within a period of one year from the date of this Notification (19.01.1991), Coastal Zone Management Plans identifying and classifying the CRZ areas within their respective territories in accordance with the guidelines given in Annexures-I and II of the Notification and obtain approval (with or without modifications) of the Central Government in the Ministry of Environment and Forests.
- Further, as per Para 3(ii) of said Notification, within the framework of such approved plans, all development and activities

within the CRZ other than those covered in Para 2 and Para 3(2) of CRZ Notification, 1991 above shall be regulated by the State Government, Union Territory Administration or the local authority as the case may be in accordance with the guidelines given in Annexures-I and II of the CRZ Notification, 1991.

M/s. Matha Ice Plant has submitted a copy of the NoC issued by Kollencode Town Panchayat on 08.01.1997, planning permission issued on 08.01.1997, Building permit dated 24.01.1997 from Town Panchayat, EB Connection dated 04.07.1997, certificate of Registration of the Unit as Ice Plant dated 16.06.1997, which was prior to the constitution of TNSCZMA i.e. 26.11.1998. Considering the above, the SCZMA decided to record that, the above activity is an authorized activity / structure established with all necessary permissions as noted in the provisions of the CRZ notification of 1991, wherein, the planning permission has been obtained from the local authority even before the establishment and commencement of the TNSCZMA. The above observation of the Authority is particular to the above mentioned proposal and shall not be generalized by the DCZMAs, Line Department and any other authorities.

Agenda Item No.13: Hon'ble Supreme Court orders with reference to M/s. KTV Oil Mills Pvt. Ltd and KTV Health Food PVT Ltd., Chennai (Civil Appeal No: 3626/2020 & 3639/2020)

The TNSCZMA considered the decision taken by DCZMA to reject the request of the units for utilizing the existing pipelines laid by the unit in absence of the storage facility at their existing terminal site.

Agenda Item No.14: Revision of Scrutiny fee for the proposal which requires Clearance under the CRZ Notification 2011

The Member-Secretary, TNSCZMA has explained the importance of revision of scrutiny fee, as the TNSCZMA is in need of funds to perform its statutory functions and as well as for developmental, research, protection and management of coastal ecosystems.

The Authority in principle accepted the proposal for enhancement of Scrutiny Fee, however it has suggested that the details of fee being collected by TNPCB may be studied for arriving at the various slabs for revising the scrutiny fee and accordingly, the revised fee structure proposal may be submitted.

Agenda Item No.15: Proposal for establishing Regional-Level Coordination Unit to Tamil Nadu State Coastal Zone Management Authority

The Authority felt that for monitoring the CRZ violations and for implementing the provisions of CRZ Notification, 2011, a regular dedicated establishment with permanent employees are needed. Hence, the Authority suggested the Member Secretary and Director of Department Environment and Climate Change to prepare a proposal to establish the Regional Level Coordination Units by surrendering the existing unfilled posts of Department of Environment & Climate Change.

Agenda Item No.16: Report of the Comptroller and Auditor General of India on "Conservation of Coastal Ecosystems - Improper delegation of powers to local planning authorities to issue planning permission to small residential construction proposals without the recommendation of the SCZMA

The TNSCZMA has been constituted with the Principal Secretary to Government, Environment, Climate Change & Forest Department, as the Chairman, Director, Department of Environment & Climate Change as a Member-Secretary, members from various line departments and few expert members to appraise on the technicalities of the proposals. The Authority does not have any fulltime member to carry out the functions of TNSCZMA in a full-fledged manner. Considering this fact, the TNSCZMA has decided in the past that the construction activities in CRZ-II areas which have less than 20,000 sq.mtr built-up area will be given CRZ Clearance by a concerned Local Planning Authority without being routed through TNSCZMA, keeping in view the quantum of such small proposals being received. This was considered to be a more practical solution in expediting the process of granting CRZ clearance without any administrative delay. The said procedure is being followed scrupulously without any hindrance to the coastal area management and conservation. Hence, the Authority opined that the current procedure is most viable and practical practice which would enable ease of doing government business for the common public. Accordingly, the same be brought to the notice of the office of the Principal Accountant General, Chennai.

Agenda Item No.17: Upgradation of the GIS Cell within the Department of Environment & Climate Change by procuring High-end laptops, DSLR camera and GPS instruments for the staff

The Authority accepted to purchase the needed items mentioned in Agenda and instructed to follow the prescribed guidelines / procedures laid down in related Government Orders / Financial Codes.

Sd./- xxxx
Thiru Deepak S. Bilgi, I.F.S.,
Member Secretary,
Tamil Nadu State Coastal Zone
Management Authority &
Director, Department of Environment &
Climate Change,
Chennai - 15.

Sd./- xxxx
Tmt. Supriya Sahu, I.A.S.,
Chairperson, Tamil Nadu State Coastal Zone
Management Authority and
Additional Chief Secretary to Government,
Environment, Climate Change &
Forest Department,
Secretariat, Chennai-9.