

AGENDA NOTES

66th MEETING

TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY

Date: 03.04.2012

Time: 03.00 P.M.

Venue: Secretariat
Chennai

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**AGENDA NOTES FOR THE 66th MEETING OF
THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT
AUTHORITY**

Date & Time:

03.04.2012 - 03.00 P.M.

Venue: Secretariat

Chennai - 600 009

AGENDA ITEM NO.01: Confirmation of the minutes of the 65th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.02.2012.

The 65th meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 10.02.2012 and the minutes were communicated in letter no.P1/444/2011 dated 15.02.2012 of Director of Environment. It may be confirmed.

MINUTES OF THE 65th MEETING OF THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 10.02.2012

AGENDA ITEM NO.1 Confirmation of the Minutes of the 64th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 20.07.2011.

The minutes of the 64th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 20.07.2011 communicated in Letter No.P1/444/2011 dated 26.07.2011 of the Director of Environment, was confirmed.

AGENDA ITEM NO.2 Report on the follow up action taken in respect of decisions taken during the 64th meeting of the TNSCZMA.

The Chairman and the Member Secretary briefed the members about the action taken by the Government and Department of Environment respectively, on the decisions taken during the 64th meeting of the Tamil Nadu State Coastal Zone Management authority held on 20.07.2011.

AGENDA ITEM NO:03 Construction of Mega Container Terminal at Chennai Port proposed by M/s. Chennai Port Trust.

The Authority resolved to recommend the proposal to Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) A system shall be evolved for a close and continuous monitoring during installation phase and post operation phase under the guidance of Tamil Nadu Pollution Control Board. Facility for Online monitoring of Environmental Parameters shall be created in such a way that Tamil Nadu Pollution Control Board shall have access to the data.
- b) Proper monitoring system shall be evolved to prevent the import of hazardous materials, radio active wastes and articles, which are prohibited through the containers.
- c) A long term agreement shall be entered into leading environmental agencies such as Centre for Environmental Sciences, Anna University or IOM Anna University or CAS Marine Biology, Annamalai University to assess and monitor the impacts on marine environment, to carry out studies on minimizing the ecological impacts and to formulate and implement remedial measures.

.3.

- d) A detailed study shall be carried out by any of renowned institutions, before commencement of construction phase, on the impact of dumping of dredged materials into the sea and the proper, safe location for the dumping of dredged materials shall be identified.
- e) Chennai Port Trust have to take necessary preventive measures to ensure that the proposed mega container terminal does not create any adverse impact on Cooum river mouth and the coast/ marine environment and in the event of any such adverse impacts, the Chennai Port Trust shall carryout remedial measures to remove the said adverse impacts at their own cost in consultation with Tamil Nadu Public Works Department / Corporation of Chennai.
- f) There should not be any extraction of ground water in CRZ.
- g) No blasting activities in CRZ are permissible.
- h) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- i) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- j) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:04 Proposed Shore Protection measures at Southern Foreshore of Chennai Port Trust area by the Chennai Port Trust.

The Authority resolved to recommend the proposal for the construction of groynes and allied activities as a part of shore protection measures, to the Ministry of Environment and Forests, Government of India subject to the following specific conditions.

- a) Chennai Port Trust shall take necessary preventive measures
 - i. to ensure that the proposed construction of groynes does not affect the nearby Cooum river mouth and
 - ii. to ensure the free hydraulic flow of water from the Cooum river.

.4.

- b) In the event of any adverse impact on the coast due to the construction of groynes and allied activities, the Chennai Port Trust shall carryout remedial measures to remove the said adverse impacts at their cost in consultation with Tamil Nadu Public Works Department & Corporation of Chennai.
- c) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- d) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:05 **Laying of above ground pipelines for the transfer of raw materials from Ennore Port boundary wall to the storage terminal of M/s. Indian Oil Petronas Limited located at Athipattu village, Ponneri Taluk, Tiruvallur District.**

As the Ennore Tank Terminals Pvt. (ETTPL) Ltd., have already obtained Environmental Clearance for the erection of pipelines from Ennore jetty to their storage terminal viz., Common manifold area., the Authority resolved to recommend the proposal for the construction of pipelines for the transfer of raw materials viz., propane / butane from the Common manifold area of Ennore Port to the storage of terminal of Indian Oil Petronas limited located at Athipattu village, Ponneri Taluk, Thiruvallur district, to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) The unit should submit a fresh risk analysis report together with Environmental Management Plan, with specific reference to the project activities and environmental features such as human settlements, flora and fauna, Pulicat Bird Sanctuary, Buckingham canal, rivers, backwaters in and around the project area.
- b) Necessary consent from TNPCB shall be obtained.
- c) There should not be any extraction of ground water in CRZ.
- d) No blasting activities in CRZ are permissible.
- e) The unit shall obtain NOCs before the commencement of construction activities, from the concerned authorities of Revenue, PWD, Railways, State and National Highways, if the proposed pipelines are passing through their respective jurisdictions.

.5.

- f) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- g) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO.06 Construction of Fast Reactor Fuel Cycle Facility (FRFCF) at DAE complex, Kalpakkam, Thirukalukundram TK to meet the fuel requirement of the 500 MWe Prototype Fast Breeder Reactor (PFPR) being built at Kalpakkam

The Authority resolved to recommend the proposal to Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) The Department of Atomic Energy, Atomic Energy Regulatory Board (AERB) and the Kalpakkam Atomic Power Station should take necessary steps to remove the apprehensions of the public in respect of Atomic Power generation and also in respect of safety aspects of the existing Kalpakkam Atomic Power Station.
- b) Periodical confidence building measures shall be taken to the local community on the functioning of the Kalpakkam Atomic Power Plant.
- c) The unit shall follow all the regulations, norms, standards prescribed by the Atomic Energy Regulatory Board, India.
- d) Green Belt shall be developed. Planting of a large number of native species shall be undertaken in consultation with the Tamil Nadu Forest Department.

AGENDA ITEM NO.07 Revision of Revised State Coastal Zone Management Plan map no.14 pertaining to Nagapattinam district.

As the MOEF, GoI have indicated in Ir. F.NO. J-170011/18/96-IA-III dated 1st July 2011, that "No reclassification of CRZ areas of CZMP approved in 1996 under CRZ Notification, 1991 except for Defense / security matters / Court Directions and error evident on record, will be considered by the MoEF"., the Authority rejected the proposal of DCZMA of Nagapattinam for the revision of CZMP map No. 14.

AGENDA ITEM NO.08 Construction of marine and foreshore facilities such as seawater intake pump house, laying of pipelines for intake of sea water and to let out outfall reject in connection with Establishment of 150 MW Thermal Power Plant at Karapidagai Vadakku village, Nagapattinam proposed by M/s. Nagapattinam Energy Private Limited, Chennai.

The Authority resolved to recommend the proposal to Ministry of Environment and Forests, Government of India subject to the following specific conditions.

- a) A long term agreement shall be entered into with leading environmental agencies such as Centre for Environmental Studies, Anna University or IOM Anna University or CAS Marine Biology, Annamalai University to assess and monitor the impacts on marine environment, to carry out research on minimizing the damages, to formulate and implement conservation programmes in consultation with Tamil Nadu Forests Department.
- b) The unit shall adopt at least one among the endangered species in the Marine environment and to implement a species recovery programme.
- c) A system shall be evolved for a close and continuous monitoring during installation phase and post operation phase under the guidance of Tamil Nadu Pollution Control Board. Facility for Online monitoring of Environmental Parameters shall be created in such a way that Tamil Nadu Pollution Control Board shall have access to the data.
- d) It shall be ensured that the temperature of seawater at outfall shall not exceed the permissible level, on account of discharge of warm water. The applicant shall provide online monitoring system to monitor the temperatures of water at inlet and outlet regularly.
- e) Fish culture in the vicinity should not be affected.
- f) Necessary consent from TNPCB shall be obtained.
- g) Shelter belt with appropriate vegetation shall be provided around the project area to prevent erosion and to protect the coastal areas from severe damage due to natural calamities.
- h) There should not be any extraction of ground water in CRZ.
- i) No blasting activities in CRZ are permissible.

.7.

- j) Untreated chemical waste generated due to membrane cleaning activity and the sewage generated should not be discharged into the sea.
- k) The proponent should ensure that the saline water shall not gain access into ground while conveying or processing the sea water.
- l) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- m) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:09 **Conversion of temporary load out jetty into permanent boat landing facility located at Chithirapettai village, Cuddalore District proposed by M/s. Chemplast Sanmar Limited, SIPCOT, Cuddalore.**

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) The unit should furnish a report from a renowned institution on the extent of damage caused in the existing temporary facilities and other specific reasons, which forced the unit to convert the existing temporary facilities into a permanent facility.
- b) The unit shall obtain necessary permission from Tamil Nadu Maritime Board for the conversion of temporary load out jetty into a permanent facility since the same falls under Cuddalore Port limit vide G.O. Ms. No. 110 Highways and Minor Ports (HN2) dated 18.06.2009.
- c) Existing alignment of temporary jetty shall not be modified.
- d) The unit should ensure that the permanent boat landing facility is utilized only for the designated purpose.
- e) All activities should be in conformity with the provisions of the CRZ Notification 1991.

AGENDA ITEM NO.10 **Setting up of a beach resort at R.S.No. 477/1, 2, 3, 5 & 6, 479/3, 4, 7 & 8 of Thengamputhur Village, Agastheeswaram Taluk, Kanniyakumari district proposed by M/s. Escapade Resorts Pvt. Ltd., Cochin.**

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) There should not be any ground water extraction in the CRZ. NOC from the Central Ground Water Board shall be obtained for the drawal of ground water.
- b) Waste water should be treated in the STP and treated sewage shall be recycled after disinfection for toilet flushing and green belt development.
- c) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC)
- d) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- e) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.
- f) All activities should be in conformity with the provisions of the CRZ Notification 1991.

AGENDA ITEM NO.11 **Setting up of a beach resort at S.F. No. 136/1A1pt., 136/1B1 pt.,136/8B of Thiruvadhanthai village and S.F. No.73/4A pt., 73/4B pt., 73/4C pt. of Semancheri village, Chengalpattu taluk, Kancheepuram district proposed by M/s. Rajathi Merlin Projects Private Ltd., Chennai.**

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) There should not be any ground water extraction in the CRZ. NOC from the Central Ground Water Board shall be obtained for the drawal of ground water.
- b) Waste water should be treated in the STP and treated sewage shall be recycled after disinfection for toilet flushing and green belt development.

.9.

- c) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC)
- d) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- e) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.
- f) All activities should be in conformity with the provisions of the CRZ Notification 1991.

AGENDA ITEM NO.12 Construction of a Bridge at km 0/4 of Seruthur to Velankanni Road across River Vellaiyar including improvements to approaches in Km 0/0 to 0/8 in Nagapattinam district proposed by Highways Department.

The Authority resolved to clear the proposed construction of a bridge along with improvements to the approaches subject to the following specific conditions:

- a) The Highways Department should ensure free hydraulic flow of water in the river.
- b) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- c) There should not be any extraction of ground water in CRZ.
- d) NoC from the PWD shall be obtained before the commencement of construction activities.
- e) All activities should be in conformity with the provisions of the CRZ Notification 1991.

AGENDA ITEM NO.13 Re-construction of 80 vulnerable houses under RGRP in CRZ-III areas between 0-200 mts from HTL in Kanniyakumari Village, Agastheeswaram Taluk, K.K. District.

The Authority resolved to clear the proposal for the reconstruction of 80 houses under Emergency Tsunami Reconstruction Project (ETRP) at Kanniyakumari village subject to the following conditions:

- a) There should not be any ground water extraction in CRZ.
- b) Treated/untreated sewage should not be let out in the CRZ.

- c) Construction in between HTL and LTL of any nature is prohibited.
- d) Natural landforms in the coastal zone like beaches and dunes should not be altered or leveled.
- e) Proper arrangements should be made for the disposal of solid wastes generated in the project areas.
- f) All activities should be in conformity with the provisions of the CRZ Notification 1991.

AGENDA ITEM NO.14 Reconstruction of 3 houses under ETRP - VRCC Programme in Thazhanguda village of Gundu Uppalavadi Panchayat of Cuddalore Panchayat Union., Cuddalore district

The Authority resolved to clear the proposal for the reconstruction of 3 houses under ETRP - VRCC Programme in Cuddalore district subject to the following conditions:

- a) There should not be any ground water extraction in CRZ.
- b) Treated/untreated sewage should not be let out in the CRZ.
- c) Construction in between HTL and LTL of any nature is prohibited.
- d) Natural landforms in the coastal zone like beaches and dunes should not be altered or leveled.
- e) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- f) All activities should be in conformity with the provisions of the CRZ Notification 1991.

AGENDA ITEM NO.15 Improvement of approach roads to the multipurpose evacuation shelters in Nagapattinam district under World Bank Aided ETRP - VRCC Programme in Periyakuthagai, Manickapangu and Melamoovarkarai villages of Nagapattinam district.

The Authority resolved to clear the proposal for the improvement of approach roads leading to the multipurpose evacuation shelters in 3 villages of Nagapattinam district subject to the following conditions:

- a) All activities should be in conformity with the provisions of the CRZ Notification 1991.

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- b) The activities should not cause any adverse impact on the nearby ecology/biodiversity.
- c) There should not be any ground water extraction in CRZ.
- d) Construction in between HTL and LTL of any nature is prohibited.
- e) Natural landforms in the coastal zone like beaches and dunes should not be altered or leveled.
- f) Proper arrangements should be made for the disposal of solid wastes generated in the project areas.

AGENDA ITEM NO.16 Improvement works to the existing road like cement concrete pavement and reconstruction of damaged cross drainage works 16 Nos., in 8 coastal villages of Thanjavur District.

The Authority resolved to clear the proposed 16 numbers of improvement works to the existing roads/ pavements and reconstruction of damaged cross drainage works in 8 coastal villages of Thanjavur district subject to the following conditions:

- a) All activities should be in conformity with the provisions of the CRZ Notification 1991.
- b) The activities should not cause any adverse impact on the nearby ecology/ biodiversity.
- c) There should not be any ground water extraction in CRZ.
- d) Construction in between HTL and LTL of any nature is prohibited.
- e) Natural landforms in the coastal zone like beaches and dunes should not be altered or leveled.
- f) Proper arrangements should be made for the proper disposal of solid wastes generated in the project areas.

AGENDA ITEM NO.17 Construction and reconstruction of residential houses in CRZ -II areas.

The Authority resolved to clear the proposals under CRZ Notification 2011 subject to the following conditions:

- a. Planning permission should be obtained for the proposed constructions from the authorities concerned.

- b. There should not be any ground water extraction in CRZ.
- c. All activities should be in conformity with the provisions of the CRZ Notification 1991.

AGENDA ITEM NO.18 Issue of Planning Permission and approval for the constructions less than 20,000 sq.mts. in CRZ-II areas.

1) In exercise of Powers contained in CRZ Notification 2011 vide para 5 (x) read with para 6 (c), the Authority resolved to delegate the powers to grant approval for the constructions which are falling in CRZ-II areas as follows:

a) Chennai Metropolitan Development Areas:

(i) Corporation of Chennai

The Authority resolved to delegate powers to Corporation of Chennai to grant approval under CRZ Notification 2011, for the construction of ordinary buildings and other small buildings, falling in CRZ-II areas, in their jurisdiction, depending on the powers vested with them after examining and ensuring that the proposed developments conform to the CRZ Notification 2011 and as per the approved CZMPs.

(ii) Chennai Metropolitan Development Authority:

The Authority resolved to delegate powers to CMDA to grant approval under CRZ Notification 2011, in their jurisdiction, for the construction projects of equal to or less than 20,000 sq. mts built up area, wholly or partly falling in CRZ-II, after examining and ensuring that the proposed developments conform to the CRZ Notification 2011 and as per the approved CZMPs.

b) Other than Chennai Metropolitan Development Authority areas:

The Authority resolved to delegate powers to the District Coastal Zone Management Authorities of concerned districts to grant approval under CRZ Notification 2011, in their jurisdiction, for the construction projects of equal to or less than 20,000 sq. mts built up area, wholly or partly falling in CRZ-II, after examining and ensuring that the proposed developments conform to the CRZ Notification 2011 and as per the approved CZMPs.

2) All other proposals relating to CRZ, which are not covered under para 1) (of Agenda item No.18) will be sent to the Tamil Nadu State Coastal Zone Management Authority, with remarks for consideration.

3) The Authority while delegating the powers as noted above, also stipulates that the CMDA, Corporation of Chennai & the District Coastal Zone Management Authorities shall be responsible for enforcing and monitoring CRZ Notification 2011, in their respective jurisdictions and to assist the Tamil Nadu State Coastal Zone Management Authority in this task.

4) Further the Authority resolved to request the CMDA, Corporation of Chennai and the District Coastal Zone Management Authorities to send a report once in three months on the details of cases dealt in CRZ-II areas and the decision taken, which are in conformity with the provisions of CRZ Notification 2011, for which approval granted under CRZ Notification 2011 by them.

AGENDA ITEM NO:19 ANY OTHER ISSUES WITH THE PERMISSION OF CHAIR.

- (i) **Additional Agenda-1: Setting up of a GIS Cell in the Directorate of Environment - Recurring / Non-recurring expenditure for the GIS Cell and to complete ETRP Works from the TNSCZMA Fund.**

The Authority resolved on the subject as follows:

- a) As Dr. M. Kamaraj, is continuing as Programme Officer in ETRP Wing, he shall be allowed to draw the Salary of Rs.25,000/- (Rupees twenty five thousand only) per month from January, 2012 onwards from the Tamil Nadu State Coastal Zone Management Authority fund till the date he joins the GIS cell as noted in para (b) below, so as to complete the spillover ETRP works, on account of the fact that the World Bank has stopped funding the current ETRP project with effect from 01.01.2012.
- b) Dr. M. Kamaraj, Programme Officer shall be redeployed as the Programme Officer for the newly proposed GIS cell and he shall be allowed to carry out the ETRP works additionally. He shall be allowed to draw Rs.35,000/- (Rupees thirty five thousand only) per month from the date of his joining in the GIS cell till his tenure in the said post.

- c) The annual recurring cost of Rs.50,000/- (Rupees fifty thousand only) towards Consumables/Contingency Charges and Rs.50,000/- (Rupees fifty thousand only) towards Computer Stationery shall be met out from the Tamil Nadu State Coastal Zone Authority fund.
- d) The Non-recurring cost to the tune of Rs. 1,00,000/- (Rupees one lakh only) towards the purchase of furniture and air conditioners shall be met out from the Tamil Nadu State Coastal Zone Authority fund.
- e) The Non - recurring cost of Rs.32,000/- (Rupees thirty two thousand) incurred through the EMAT (Environment Management Agency of Tamil Nadu) towards the replacement of batteries to the GPS instrument shall be met out from the Tamil Nadu State Coastal Zone Authority fund.
- f) The expenditure upto Rs.2,75,000/- (Rupees two lakhs and seventy five thousand only) towards manpower @ Rs.10,000/- (Rupees ten thousand only) per month for 5 persons, FTA @ Rs.150/- per day, Transport expenditure, travel and other allowances which will be incurred for the supervision of filed work relating to erection of stone pillars at the HTL reference points, in the 8 coastal districts, shall be met out from the Tamil Nadu State Coastal Zone Authority fund.

(ii) **GENERAL:**

- a) The State Coastal Zone Management Authority resolved to request the Government to inform the modalities regarding enforcement of CRZ Notification 2011.
- b) The Chairman of the TNSCZMA suggested to prepare ICZMPs as per the guidelines and specifications prescribed in CRZ Notification, 2011 by engaging authorized agencies like Institute of Remote Sensing, Anna University, Chennai.

Sd/-
Thiru T.S. Srinivasamurthy, I.F.S.
Member Secretary, TNSCZMA and
Director, Dept. of Environment,
Chennai -15

Sd./-
Thiru C.V. Sankar, I.A.S.
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept. Chennai-9

AGENDA ITEM NO.02: The action taken on the decisions of 65th meeting of the authority held on 10.02.2012 are given below:

SI. No	Description of proposals	Action taken
01	Construction of Mega Container Terminal at Chennai Port proposed by M/s. Chennai Port Trust	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 1249 /2011/P1 dated 15.02.2012.
02	Proposed Shore Protection measures at Southern Foreshore of Chennai Port Trust area by the Chennai Port Trust.	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 1402 /2011/P1 dated 15.02.2012.
03	Laying of above ground pipelines for the transfer of raw materials from Ennore Port boundary wall to the storage terminal of M/s. Indian Oil Petronas Limited.	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 2137 /2011/P1 dated 15.02.2012.
04.	Construction of Fast Reactor Fuel Cycle Facility (FRFCF) at DAE complex, Kalpakkam, Thirukalukundram TK proposed by the Kalpakkam Atomic Power Station.	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 1465 /2011/P1 dated 15.02.2012.
05	Revision of Revised State Coastal Zone Management Plan map no.14 pertaining to Nagapattinam district.	As resolved, the proposal has been rejected and the fact was intimated to DCZMA in letter No. 1413 /2011/P1 dated 14.03.2012.

06	Construction of marine and foreshore facilities in connection with Establishment of 150 MW Thermal Power Plant at Karapidagai Vadakku village, Nagapattinam proposed by M/s. Nagapattinam Energy Private Limited, Chennai.	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 1413 /2010/P1 dated 15.02.2012
07	Conversion of temporary load out jetty into permanent boat landing facility located at Chithirapettai village, Cuddalore District proposed by M/s. Chemplast Sanmar Limited, SIPCOT, Cuddalore.	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 2225 /2010/P1 dated 15.02.2012.
08	Setting up of a beach resort at Thengamputhur Village, Agasthees waram taluk, Kanniyakumari district proposed by M/s. Escapade Resorts Pvt. Ltd., Cochin.	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 627 /2011/P1 dated 15.02.2012.
09	Setting up of a beach resort at Thiruvadhanthai village and Semancheri village, Chengalpattu taluk, Kancheepuram district proposed by M/s. Rajathi Merlin Projects Private Ltd., Chennai.	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 084 /2010/P1 dated 15.02.2012.
10	Construction of a Bridge at km 0/4 of Seruthur to Velankanni Road across River Vellaiyar including improvements to approaches in Km 0/0 to 0/8 in Nagapattinam district proposed by Highways Department.	As resolved, Clearance under CRZ Notification 2011 has been issued in Pro. No.P1/2166 /2010 dated 16.02.2012.

11	Re-construction of 80 vulnerable houses under RGRP in CRZ-III areas between 0mts to 200mts from HTL in K.K. village, K.K. district.	As resolved, Clearance under CRZ Notification 2011 has been issued in Pro. No.P1/624 /2010 dated 16.02.2012.
12	Reconstruction of 3 houses under ETRP - VRCC Programme in Thazhanguda village of Gundu Uppalavadi Panchayat of Cuddalore Panchayat Union., Cuddalore district.	As resolved, Clearance under CRZ Notification 2011 has been issued in Pro. No.P1/2699/2011 dated 16.02.2012.
13	Improvement of approach roads to the multipurpose evacuation shelters in Nagapattinam district under World Bank Aided ETRP - VRCC Programme in Periyakuthagai, Manickapangu and Melamoovarkarai villages of Nagapattinam district	As resolved, Clearance under CRZ Notification 2011 has been issued in Pro. No.P1/2748/2011 dated 16.02.2012.
14	Improvement works to the existing road like cement concrete pavement and reconstruction of damaged cross drainage works 16 Nos., in 8 coastal villages of Thanjavur district.	As resolved, Clearance under CRZ Notification 2011 has been issued in Pro. No.P1/ /2011 dated 16.02.2012.
15	Construction and reconstruction of residential houses in CRZ -II areas.	As resolved, Clearance under CRZ Notification 2011 has been issued to ten residential/ commercial buildings in Pro. No.P1/106/2012 dated 16.02.2012 Pro. No.P1/2530/2011 dated 16.02.2012 Pro. No.P1/2582/2011 dated 16.02.2012 Pro. No.P1/2653/2011 dated 16.02.2012 Pro. No.P1/1341/2011 dated 03.03.2012 Pro. No.P1/2661/2011 dated 16.02.2012 Pro. No.P1/2679/2011 dated 16.02.2012 Pro. No.P1/2753/2011 dated 16.02.2012 Pro. No.P1/1069/2011 dated 16.02.2012 Pro. No. P1/2201/2011 dated 16.02.2012

16	Issue of Planning Permission and approval for the constructions less than 20,000 sq.mts. in CRZ-II areas - regarding.	As resolved, proposals to delegate powers for clearance under CRZ Notification 2011 in respect of construction projects having less than 20,000 sq.mts. in CRZ-II areas, to CMDA/ Corporation of Chennai /DCZMAs have been sent in Pro. No.P1/443/2011 dated 17.02.2012 to Government for approval.
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AGENDA ITEM NO:03: Construction of 2 MGD (380 cu.meter / hour) desalination plant at Kalpakkam,, Thirukalukundram Tk., Kancheepuram district proposed by Department of Atomic Energy through Indira Gandhi Centre for Atomic Research, Kalpakkam.

The District Environmental Engineer, TNPCB/ Convener, DCZMA, Kancheepuram district has forwarded a proposal for the Construction of 2 MGD (380 cu.meter / hour) desalination plant at Kalpakkam,, Thirukalukundram Tk., Kancheepuram district proposed by Department of Atomic Energy through Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, for Clearance under CRZ Notification 2011.

2) The IGCAR, Kalpakkam have proposed to set up a 2 MGD desalination plant to augment the growing demand of fresh water requirements inside DAE complex. The 2 MGD Sea Water Reverse Osmosis Plant consist of pressure sand filter, ultra filtration system, Cartridge filter, Energy recovery system, RO 1st stage, RO 2nd stage, lime stone column, Portable water tank. In order to provide uninterrupted water supply of sea water to desalination plant, sea water tapping points have been planned from two sources. One from the existing auxiliary system of MAPs (Madras Atomic Power Station) and another from newly constructed (Prototype Fast Breeder Reactor (PFBR) auxiliary system. Raw sea water at a flow rate of 1200 cub. Meter / hour is taken into sea water sump and pre-treated in the pressure sand filter and pumped into ultra filtration (UF) trains. The UF product is forwarded to high pressure RO feed pump through 5 micron cartridges filters and then to RO trains. A total of 380 cu. Meter per hour permeate (91210 cub. Meter per day) at an average recovery of 45% will flow to the product water tanks.

3) The total quantity of brine would be 820 cub.meter per hour and the brine will be dispersed through a surface multi port diffuser system provided at the PFBR discharge canal. TDS of the reject discharge would be to the tune of 69506 ppm which will be diluted with about 100000

cub.meter per hour of condenser cooling sea water released from PFBR. The expected dilution rate is about 121.9 times. The expected increase in TDS in the form of salinity in the canal discharge will be about 268 ppm. The multi port surface diffuser is envisaged for dispersing the brine into canal and the diffuser will have 18 Nos. of Ports i.e., 9 ports on each side. The requirement of water will be met from the sea i.e, about 1200 cub.mts/ hour. Sea water will be taken into the plant and the total quantity of brine would be 820 cub.mts/hour. A net amount of 380 cub.mts/ hour is the loss from the sea which is negligible. The generations of waste water from all the process plant is classified into 2 streams., i.e., UF waste and RO reject. The total sewage generation from the plant will be about 2.3 KLD which will be treated in the STP maintained at IGCAR.

4) The Project activity is falling in CRZ-III and the project cost is Rs. 60 crores.

5) As per CRZ Notification 2011, vide para 8 III CRZ-III (A)(iii)(h) and (B) (v) foreshore facilities for desalination plants and associated facilities shall be allowed in CRZ-III. However vide para 4(ii)(a) of the said Notification the said activity requires clearance from the Ministry of Environment and Forests, GoI.

The Authority may consider.

AGENDA ITEM NO:04: **Setting up of inlet water pipeline and outfall pipeline for the discharge of treated trade effluent, coal conveyor system and captive jetty with marine facilities in respect of the proposed 2 x 660 MW coal based thermal power plant at Perunthottam and Agaraperunthottam villages, of Sirkali Taluk, Nagapattinam district proposed by M/s. Sindya Power Generating Company Private Ltd., Chennai.**

The District Environmental Engineer, TNPCB/ DCZMA, Nagapattinam district has forwarded a proposal for the for the setting up of inlet water pipeline and outfall pipeline for the discharge of treated trade effluent, coal conveyor system, captive jetty and marine facilities in respect of the proposed 2 x 660 MW coal based thermal power plant at Perunthottam and Agaraperunthottam villages, of Sirkali Taluk, Nagapattinam district proposed by M/s. Sindya Power Generating Company Private Ltd., Chennai.

2) The unit has applied for inlet and outfall pipelines for intake of sea water and discharge of treated trade effluent into sea and coal conveyance system in the S.Nos. 223 (P), 224(P), 494 (P), 495(P), 496 (P), 497 (P),498(P) and 501 (P) of Perunthottam villages of Sirkali Taluk, Nagapattinam district. The Project areas which are falling in CRZ are categorized as CRZ-I & III. The intake pipeline is located a distance of 750mts from the seashore at a depth of 10mts and the out fall is located at a distance of 1500mts from the seashore at a depth of 12.5mts. Pipelines will be buried below the sea bed. It is proposed to attach fine mesh screen and aquatic filter barrier to the cooling water intake pipe to reduce the entrainment of tiny organisms like larvae. The coal conveyor is a closed conveyor type operated by motors. The project cost for the foreshore facilities is Rs.110 crores and for the setting up of Captive jetty to handle coal for 2 x 660 MW is Rs.400 crores.

3) The District Coastal Zone Management Authority, Nagapattinam have recommended the proposals in their meetings held on 22.06.2011 and 28.12.2011. The reports remarks of Fisheries Department, Forests Department, BISMI, an aquaculture unit near the project site along with the remarks furnished by the proponent and all reports viz., EIA/EMP, Marine EIA, HTL Maps are enclosed.

4) The above activities are permissible activities as per CRZ Notification 2011, vide para 3 (i) (a) and 4 (i) (a). However the above activity requires clearance from the MoEF., GoI vide para 4 (ii) (f) of the said Notification 2011.

The Authority may consider.

AGENDA ITEM NO:05: Construction of Hotel at S.No.604 (P), Kanniyakumari village, Agastheeswarm taluk, Kanniyakumari district proposed by M/s. Nestor Holiday Inn Private Limited., Chennai.

The District Environmental Engineer, TNPCB/ Convener DCZMA, Kanniyakumari district has forwarded a proposal for the construction of Hotel at S.No.604 (P), Kanniyakumari village, Agastheeswarm taluk, Kanniyakumari district proposed by M/s. Nestor Holiday Inn Private Limited., Chennai for clearance under CRZ Notification 2011.

2) The project is for the construction of 54 rooms in ground floor and 62 rooms in the first floor and in total 116 rooms along with restaurant, out door dining, bar, conference halls, back office, drivers rest rooms, security office etc. The proposed constructions will be covering an area of 3316.75b sq.mts and the total built up area will be 6764.70 sq.mts. Green belt and lawns will cover 3704.50 sq. mts. Parking area will be 868 sq.mts and Roads will cover 1666.79 sq.mts. There will be two car parking areas of 39 cars and 37 two wheelers parking. The FSI coverage would be 0.32. Total area of the project is 1.0228 ha. Area in No Development Zone i.e., between 0 and 200mts from the HTL of sea is nil. The Area in development zone between 200mts and 500mts from HTL is 0.94544 ha and about the area of 0.0774 ha is falling outside CRZ. No swimming pool and no laundry facility are proposed.

3) The project requires 53 KLD as a maximum water demand out of which fresh water/ sweet water requirement will be 25 KLD. The balance 28 KLD will be treated sewage that is recycled for toilet flushing, green belt etc. The applicant is having a water source in Non-CRZ area in SF No. 1163/5, 8 & 11(pts) of Alagappapuram village. A conventional STP of 50 KLD is proposed to treat the waster water / domestic sewage. It is a zero effluent discharge project.

.24.

4) The applicant has duly filed relevant reports along with HTL demarcation map duly superimposing project area and the District Coastal Zone Management Authority, Kanniyakumari district in the meeting held on 30.05.2011 decided to forward the proposal to SCZMA.

5) As per para 8 III CRZ-III (B) (i) of CRZ Notification 2011, development of vacant plots between 200 and 500 metres of HTL in designated areas of CRZ-III with prior approval of MoEF shall be permitted for construction of hotels/beach resorts.

The Authority may consider.

AGENDA ITEM NO.06: Proposed sub-division of residential Survey No. 52/1B, 52/2B & 53/1B of Pallavakkam, Chennai as housing sites proposed by Thiru V. Murugan, Chennai- applicability of CRZ.

The Member Secretary to CMDA has informed that Thiru V. Murugan, Thiruvannamiyur has proposed for the sub-division of residential plot Survey No. 52/1B, 52/2B & 53/1B of Pallavakkam, Chennai as housing sites and requested clarification on the applicability of CRZ Notification as his site is falling in CRZ. The CMDA has informed that the site is falling in CRZ-II. The applicant has furnished a copy of evidence obtained from the Pallavakkam Town Panchayat to show the availability of canal road in between the site and Buckingham canal, which is under their maintenance from 1985 as 18 ft. road.

2) From the authenticated HTL demarcation map available in this office obtained from the IRS., Anna University it is verified that the site is falling in CRZ, within 100mts from the B'canal and the said area at Pallavakkam is categorized as CRZ-II as per the approved Coastal Zone Management Plan of Tamil Nadu.

3) As per CRZ Notification 2011, vide para 8 II CRZ-II (i) "buildings shall be permitted only on the landward side of the existing (as on 19.02.1991) road, or on the landward side of existing authorized structures (as on 19.02.1991).

4) Hence the CMDA was informed in this office in., dated 18.05.2011 that prior clearance under CRZ Notification 2011 is required from the competent authorities, for any construction and for getting approval for the sub-division of project area, as housing sites, clearance or NOC from the State Coastal Zone Management Authority under CRZ Notification 2011 is not required.

5) However in Ir.No. L1/2862/2011 dated 16.11.2011, the CMDA have informed that the approval of a sub-division or a layout involves reservation of open spaces parks / play grounds and gifting it to the local body concerned through registered gift deed and leaving of lands for formation of roads of various widths and handing over to them to the local body concerned for maintenance as public road before the lay out approval. The CMDA have also informed that the layout developments involve construction of roads either by the developer before handing over or by the local body concerned after taking over of the road space. After handing over of OSR areas and road spaces, the developer effects sub-division and sells the approved plots to various individuals as house sites/ shop sites. The CMDA have further indicated that the individual land owner later apply for permission to construct buildings on these statutorily approved plots, any denial of permission at a future dated on the grounds of refusal of NOC by TNSCZMA will be inappropriate as well it will not stand the test of Law.

6) In view of above facts, the CMDA have requested to place the subject before the Authority for consideration.

7) As the project site is falling on the landward side of the existing road formed prior to the year 1991, vide para 8 II CRZ-II (i) of CRZ Notification 2011, buildings shall be permitted subject to the existing norms of FSI/FAR as on 19.02.1991., wherein CRZ Notification was notified.

The Authority may consider.

AGENDA ITEM NO.07: Construction of bus stand in Manavalakurichi at R.S.No. 650/4,5 Manavalakurichi village, Kalkulam Taluk, Kanniyakumari district proposed by the Executive Officer, Selection grade Town Panchayat, Manavalakurichi.

The District Environmental Engineer, TNPCB/ Convener DCZMA, Kanniyakumari district has forwarded a proposal for the construction of bus stand at R.S. No. 650/4,5 of Manavalakurichi village, Kalkulam taluk in Kanniyakumari district.

2) The proposed site is falling in CRZ-III. It is proposed to construct a building for time keeper office, toilet, bathrooms with overhead tanks and waiting shed with compound wall for the benefit if local communities mainly for fisherfolk. Total project area is 75.35 cents/0.305 hec. Total cost of the project is Rs. 47.37 lakhs.

3) The District Coastal Zone Management Authority, Kanniyakumari district have recommended the project for clearance in their meeting held on 09.11.2010 and relevant drawings and details have been received from the DCZMA in Ir., dated 24.02.2011.

4) As per CRZ Notification 2011 construction of Bus stand is not a prohibited activity. Further vide para 8 III CRZ-III (A) (j) and B (viii) construction of facilities such as public rain shelters, community toilets, water supply which are required for the local inhabitants may be permitted in CRZ-III and such developmental activities may be regulated by the concerned CZMA vide para 5 (x)of CRZ Notification 2011.

The Authority may consider.

AGENDA ITEM NO.08: Construction of Ice Plants in Kanniyakumari district.

Thiru S. Jesiah, Kanniyakumari has forwarded a proposal for clearance under CRZ Notification 2011 for the construction of Ice Plant at S.No. 628/6A1, Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari district. The site is falling in CRZ II. Project cost is Rs.23.75 lakhs.

2) Thiru M.Murugan, Nagercoil has forwarded a proposal for clearance under CRZ Notification 2011 for the construction of Ice Plant at S.No. 385/1, Neendakarai 'B' village, Agastheeswaram taluk, Kanniyakumari district. The site is falling in CRZ-III in between 200 & 500mts from the HTL of sea. Project cost is Rs.27.67 lakhs.

3) The applicants have submitted application in the prescribed format along with the drawings, EIA/EMP reports and building plan. The District Coastal Zone Management Authority for Kanniyakumari district have rejected the above project proposals on the contention that the Ice plant can be constructed only in CRZ-III in "No development zone".

4) As per the CRZ Notification 2011, construction of ice plant is not a prohibited activity in CRZ. Further vide para 4 (i) (a) of the said Notification, clearance shall be given for any activity within the CRZ if it requires waterfront and foreshore facilities. Further as per para 8 III CRZ-III A (iii) (l) construction of ice plant in "No development Zone" of CRZ-III areas is permissible activity. Hence this activity shall be allowed also in CRZ-III and CRZ-II areas and construction of ice plants shall not be considered only in CRZ-I due to the specific instruction in the notification that there shall not be any new construction in CRZ-I. However vide para 4(ii)(a) of the CRZ Notification 2011, as the activity is not listed in the EIA Notification 2006, the said activity requires clearance from the Ministry of Environment and Forests, GoI.

The Authority may consider.

AGENDA ITEM NO.09: Repairs and renovation of Tourism centre at Poombukar in Nagapattinam district proposed by Public Works Department

The District Environmental Engineer, TNPCB, Nagapattinam district has forwarded a proposal for Repairs and renovation of Tourism centre at Poombukar in Nagapattinam district proposed by Public Works Department for clearance under CRZ Notification 2011. The details of the proposal are as follows:

Sl. No.	Name of the Village / work	Cost of project (Rs. in lacs)	CRZ category
1.	Construction of entrance curve arch at Poompuhar tourist center with dressing stones, stones statues and cattle preventing gurder at Poompuhar .	15.00	CRZ III
2.	Formation of garden and functioning of fountain work at Poompuhar Art Gallery	3.85	CRZ III
3.	Improvements to Pavai mandavam park, lighting arrangements, land scaping etc., at Poompuhar	10.00	CRZ III
4.	Special repairs to street lights in the beach main road in Tourism center at Poompuhar	6.00	CRZ-III
5.	Construction of common Toilet and Bathroom near Tourist guest house at Poompuhar.	15.00	CRZ-III

2) The District Coastal Zone Management Authority., Nagapattinam have recommended the project. As per CRZ Notification 2011, vide para 8 III CRZ III A (ii) repairs and reconstruction of existing structures and vide para 8 III CRZ III A (j) and B (viii) construction of toilets are permissible activities for local inhabitants. Further developmental activities may be regulated by the concerned CZMA vide para 5 (x)of CRZ Notification 2011.

3) Out of 5 works referred above, item 1 viz., Construction of entrance curve arch is a new construction, which is not the permissible activity in CRZ-III and hence the PWD may be requested to shift the construction of curve arch beyond CRZ area.

The Authority may consider.

AGENDA ITEM NO.10: **Construction of petrol bulk at S.No. 628/9 (P)., Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari district proposed by Thiru S. Jesiah, Kanniyakumari**

The District Environmental Engineer, TNPCB/ Convener DCZMA, Kanniyakumari district has forwarded a proposal for clearance under CRZ Notification 2011 for the construction of petrol bulk at S.No. 628/9 (P)., Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari district proposed by Thiru S. Jesiah, Kanniyakumari

2)The site is falling in CRZ-II. The applicant has submitted application in the prescribed format along with the drawings and site plan. As per the estimate furnished by the applicant the total cost of the project is Rs. 3.25 lakhs only. The District Coastal Zone Management Authority for Kanniyakumari distict have forwarded the project for approval.

3) As per the CRZ Notification 2011, vide para 8 II CRZ-II (iv) construction of facilities for the receipt and storage of petroleum products is permissible activity in CRZ-II areas.

The Authority may consider.

AGENDA ITEM NO:11: **ANY OTHER ISSUES WITH THE PERMISSION OF CHAIR.**

Sd/-
Thiru T.S. Srinivasamurthy., I.F.S.
Member Secretary, TNSCZMA and
Director, Dept. of Environment,
Chennai -15

Sd/-
Thiru C.V. Sankar., I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to Government,
Environment & Forests Dept.,
Chennai - 9.

**MINUTES OF THE 66th MEETING OF THE TAMIL NADU STATE
COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 03.04.2012**

AGENDA ITEM NO.1 Confirmation of the Minutes of the 65th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.02.2012.

The minutes of the 65th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.02.2012 communicated in letter No.P1/444/2011 dated 15.02.2012 of the Director of Environment, was confirmed.

AGENDA ITEM NO.2 Report on the follow up action taken in respect of decisions taken during the 65th meeting of the TNSCZMA.

The Chairman and the Member Secretary briefed the members about the action taken by the Government and Department of Environment respectively, on the decisions taken at the 65th meeting of the Tamil Nadu State Coastal Zone Management authority held on 10.02.2012.

The Authority resolved to request the CMDA to send a proposal with the details of constructions, which are falling in CRZ-II, for which planning permission were issued during the last couple of years so as to consider the proposal for the delegation of powers to CMDA/ Corporation of Chennai for the issue of Planning Permission for the constructions less than 20,000 sq.mts. in CRZ-II areas.

AGENDA ITEM NO:03: Construction of 2 MGD (380 cu.meter / hour) desalination plant at Kalpakkam,, Thirukalukundram Tk., Kancheepuram district proposed by Department of Atomic Energy through Indira Gandhi Centre for Atomic Research, Kalpakkam.

The Authority resolved to recommend the proposal to Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) A system shall be evolved for a close and continuous monitoring during installation phase and post operation phase.
- b) The applicant shall provide online monitoring system to monitor the temperatures of water at inlet and outlet in the plant, regularly.

.2.

- c) The applicant should furnish a detailed report on the impact of Marine bio-diversity due to the discharge of brine.
- d) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- e) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:04: **Setting up of inlet water pipeline and outfall pipeline for the discharge of treated trade effluent, coal conveyor system and captive jetty with marine facilities in respect of the proposed 2 x 660 MW coal based thermal power plant at Perunthottam and Agaraperunthottam villages, of Sirkali Taluk, Nagapattinam ditrict proposed by M/s. Sindya Power Generating Company Private Ltd., Chennai.**

The Authority resolved to recommend the proposal to Ministry of Environment and Forests, Government of India subject to the following specific conditions.

- n) A long term agreement shall be entered into with leading environmental agencies such as Centre for Environmental Studies, Anna University or IOM Anna University or CAS Marine Biology, Annamalai University to assess and monitor the impacts on marine environment, to carry out research on minimizing the damages, to formulate and implement conservation programmes in consultation with Tamil Nadu Forests Department.
- o) The proponent shall formulate a separate action plan to mitigate the adverse impacts on the marine and terrestrial environment due the handling of coal.
- p) The unit shall adopt at least one among the endangered species in the Marine environment and to implement a species recovery programme.
- q) A system shall be evolved for a close and continuous monitoring during installation phase and post operation phase under the guidance of Tamil Nadu Pollution Control Board. Facility for Online monitoring of Environmental

Parameters shall be created in such a way that Tamil Nadu Pollution Control Board / Department of Environment shall have access to the data.

.3.

- r) It shall be ensured that the temperature of seawater at outfall shall not exceed the permissible level, on account of discharge of warm water. The applicant shall provide online monitoring system to monitor the temperatures of water at inlet and outlet regularly.
- s) Necessary consent from TNPCB shall be obtained.
- t) Shelter belt with appropriate vegetation shall be provided around the project area to prevent erosion and to protect the coastal areas from severe damage due to natural calamities.
- u) There should not be any extraction of ground water in CRZ.
- v) No blasting activities in CRZ are permissible.
- w) Untreated chemical waste generated due to membrane cleaning activity and the sewage generated should not be discharged into the sea.
- x) The proponent should ensure that the saline water shall not gain access into ground while conveying or processing the sea water.
- y) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- z) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:05: Construction of Hotel at S.No.604 (P), Kanniyakumari village, Agastheeswarm taluk, Kanniyakumari district proposed by M/s. Nestor Holiday Inn Private Limited., Chennai.

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- g) There should not be any ground water extraction in the CRZ.
- h) Waste water should be treated in the STP and treated sewage shall be recycled after dis-infection for toilet flushing and green belt development.

.4.

- i) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC)
- j) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- k) The total covered area on all floors shall not exceed 33 percent of the plot size., i.e., the Floor Space Index shall not exceed 0.33.
- l) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.
- m) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- n) All activities should be in conformity with the provisions of the CRZ Notification 2011.

AGENDA ITEM NO.06: Proposed sub-division of residential Survey No. 52/1B, 52/2B & 53/1B of Pallavakkam, Chennai as housing sites proposed by Thiru V. Murugan, Chennai- applicability of CRZ.

The Authority resolved to clear the proposal subject to the following specific conditions:

- g) There should not be any ground water extraction in CRZ.
- h) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- i) The applicant should obtain necessary clearance under CRZ Notification 2011 for development in the site after sub-division from the Competent Authority.
- j) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- k) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO.07: Construction of bus stand in Manavalakurichi at R.S.No. 650/4,5 Manavalakurichi village, Kalkulam Taluk, Kanniyakumari district proposed by the Executive Officer, Selection grade Town Panchayat, Manavalakurichi.

The Authority resolved to clear the proposal for the construction of bus-stand subject to the following specific conditions:

- a) The applicant shall construct only the facilities indicated in the proposal viz., time keeper office, toilet, bathrooms with overhead tanks and waiting shed with compound wall and platforms.
- b) The applicant should not make any development other than those indicated above.
- c) The applicant should not make any development in the project site /CRZ for commercial activities such as shopping complex, petty shops, restaurants etc., without the prior clearance from the Tamil Nadu State Coastal Zone Management Authority.
- d) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- e) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO.08: Construction of Ice Plants in Kanniyakumari district.

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) The applicants shall furnish an Environment Management Plan for handling Ammonia in the event of any leakage / spillage.
- b) There should not be any ground water extraction in CRZ

- c) The Safety measures system indicated in the Project profile which facilitates safety plant operation shall be erected without fail and shall also be maintained properly.
- d) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- e) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- f) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO.09: Repairs and renovation of Tourism centre at Poombukar in Nagapattinam district proposed by Public Works Department.

The Authority resolved to clear the proposal except for the construction of curve arch at Poompohar tourist center subject to the following specific conditions:

- g) Entrance curve arch at Poompohar tourist center shall be erected in outside CRZ area.
- h) There should not be any ground water extraction in CRZ.
- i) Construction in between HTL and LTL of any nature is prohibited.
- j) Natural landforms in the coastal zone like beaches and dunes should not be altered or leveled.
- k) Proper arrangements should be made for the proper disposal of solid wastes generated in the project areas.
- l) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.
- m) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- n) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO.10: **Construction of petrol bulk at S.No. 628/9 (P)., Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari district proposed by Thiru S. Jesiah, Kanniyakumari**

- a) There should not be any ground water extraction in CRZ.
- b) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- c) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- d) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO:11: **General:**

- a) As several Power plants are likely to be established on the coast of Nagapattinam district, the Authority resolved to conduct a study on carrying capacity of Nagapattinam coast with reference to the said activities so as to take corrective measures and proper decisions, in future, on similar projects. Due to the presence of Reserve Forests, Bird Sanctuaries, Tidal Flats, Turtle Nesting grounds etc., in and around the Coast of Nagapattinam district, the Authority also resolved to make a comprehensive study on the impact of Coastal and Marine environments on the setting up of several Power Plants and on the erection of foreshore facilities such as captive ports/ jetties, desalination plants etc.,
- b) Further the Authority resolved to make periodical inspections to review and check the adherence of conditions imposed in the Environment Clearances during Construction Phase/ Post Construction Phase and also during Operational Phase, duly by the project proponents.

.8.

- c) To carry out the study and to conduct inspections, indicated above, the Authority resolved to form Sub-Committees comprising the Members of Tamil Nadu State Coastal Zone Management Authority. The experts from the specialized institutions will also be included in the said sub-committees to ensure the study and inspections unbiased. The Sub-Committees will submit their reports, based on their findings, in periodical intervals to the TNSCZMA for taking further action.

Thiru H. Malleshappa., I.F.S.
Member Secretary, TNSCZMA and
Director, Dept. of Environment,
Government,
Chennai -15

Thiru C.V. Sankar., I.A.S.,
Chairman, TNSCZMA and
Principal Secretary to
Environment & Forests Dept.,
Chennai - 9.

**MINUTES OF THE 66th MEETING OF THE TAMIL NADU STATE
COASTAL ZONE MANAGEMENT AUTHORITY HELD ON 03.04.2012**

AGENDA ITEM NO.1 Confirmation of the Minutes of the 65th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.02.2012.

The minutes of the 65th meeting of the Tamil Nadu State Coastal Zone Management Authority held on 10.02.2012 communicated in letter No.P1/444/2011 dated 15.02.2012 of the Director of Environment, was confirmed.

AGENDA ITEM NO.2 Report on the follow up action taken in respect of decisions taken during the 65th meeting of the TNSCZMA.

The Chairman and the Member Secretary briefed the members about the action taken by the Government and Department of Environment respectively, on the decisions taken at the 65th meeting of the Tamil Nadu State Coastal Zone Management authority held on 10.02.2012.

The Authority resolved to request the CMDA to send a proposal with the details of constructions, which are falling in CRZ-II, for which planning permission were issued during the last couple of years so as to examine the proposal for the delegation of powers to CMDA/ Corporation of Chennai for the issue of Planning Permission for the constructions less than 20,000 sq.mts. in CRZ-II areas in detail.

AGENDA ITEM NO:03: Construction of 2 MGD (380 cu.meter / hour) desalination plant at Kalpakkam,, Thirukalukundram Tk., Kancheepuram district proposed by Department of Atomic Energy through Indira Gandhi Centre for Atomic Research, Kalpakkam.

The Authority resolved to recommend the proposal to Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) A system shall be evolved for the close and continuous monitoring during installation phase and post operation phase.
- b) The applicant shall provide online monitoring system to monitor the temperatures of water at inlet and outlet in the plant, regularly.

.2.

- c) The applicant should furnish a detailed report on the impact of Marine bio-diversity due to the discharge of brine.
- d) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- e) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:04: **Setting up of inlet water pipeline and outfall pipeline for the discharge of treated trade effluent, coal conveyor system and captive jetty with marine facilities in respect of the proposed 2 x 660 MW coal based thermal power plant at Perunthottam and Agaraperunthottam villages, of Sirkali Taluk, Nagapattinam ditrict proposed by M/s. Sindya Power Generating Company Private Ltd., Chennai.**

The Authority resolved to recommend the proposal to Ministry of Environment and Forests, Government of India subject to the following specific conditions.

- a) A long term agreement shall be entered into with leading environmental agencies such as Centre for Environmental Studies, Anna University or IOM Anna University or CAS Marine Biology, Annamalai University to assess and monitor the impacts on marine environment, to carry out research on minimizing the damages and to formulate and implement conservation programmes in consultation with Tamil Nadu Forests Department.
- b) The proponent shall formulate a separate action plan to mitigate the adverse impacts on the marine and terrestrial environment due the handling of coal.
- c) The unit shall adopt at least one among the endangered species in the Marine environment and to implement a species recovery programme in consultation with the Chief Wild Life Warden, State Forests Department.
- d) A system shall be evolved for the close and continuous monitoring during installation phase and post operation phase under the guidance of Tamil Nadu Pollution Control Board. Facility for Online monitoring of Environmental

.3.

Parameters shall be created in such a way that Tamil Nadu Pollution Control Board / Department of Environment shall have access to the data.

- e) It shall be ensured that the temperature of seawater at outfall shall not exceed the permissible level, on account of discharge of warm water. The applicant shall provide online monitoring system to monitor the temperatures of water at inlet and outlet regularly.
- f) Necessary consent from TNPCB shall be obtained.
- g) Shelter belt with appropriate vegetation shall be provided around the project area to prevent erosion and to protect the coastal areas from severe damage due to natural calamities.
- h) There should not be any extraction of ground water in CRZ.
- i) No blasting activities in CRZ are permissible.
- j) Untreated chemical waste generated due to membrane cleaning activity and the sewage generated should not be discharged into the sea.
- k) The proponent should ensure that the saline water shall not gain access into ground while conveying or processing the sea water.
- l) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- m) The CRZ clearance will be revoked if any of the conditions stipulated is not complied with.

AGENDA ITEM NO:05: Construction of Hotel at S.No.604 (P), Kanniyakumari village, Agastheeswarm taluk, Kanniyakumari district proposed by M/s. Nestor Holiday Inn Private Limited., Chennai.

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) There should not be any ground water extraction in the CRZ.
- b) Waste water should be treated in the STP and treated sewage shall be recycled after dis-infection for toilet flushing and green belt development.

.4.

- c) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas, by providing Organic Waste Converter (OWC)
- d) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- e) The total covered area on all floors shall not exceed 33 percent of the plot size., i.e., the Floor Space Index shall not exceed 0.33.
- f) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.
- g) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.
- h) All activities should be in conformity with the provisions of the CRZ Notification 2011.

AGENDA ITEM NO.06: Proposed sub-division of residential Survey No. 52/1B, 52/2B & 53/1B of Pallavakkam, Chennai as housing sites proposed by Thiru V. Murugan, Chennai- applicability of CRZ.

The Authority resolved to clear the proposal subject to the following specific conditions:

- a) There should not be any ground water extraction in CRZ.
- b) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- c) The applicant should obtain necessary clearance under CRZ Notification 2011 for development in the site after sub-division from the Competent Authority.
- d) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- e) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO.07: Construction of bus stand in Manavalakurichi at R.S.No. 650/4,5 Manavalakurichi village, Kalkulam Taluk, Kanniyakumari district proposed by the Executive Officer, Selection grade Town Panchayat, Manavalakurichi.

The Authority resolved to clear the proposal for the construction of bus-stand subject to the following specific conditions:

- a) The applicant shall construct only the facilities indicated in the proposal viz., time keeper office, toilet, bathrooms with overhead tanks and waiting shed with compound wall and platforms.
- b) The applicant should not make any development other than those indicated above.
- c) The applicant should not make any development in the project site /CRZ for commercial activities such as shopping complex, petty shops, restaurants etc., without the prior clearance from the Tamil Nadu State Coastal Zone Management Authority.
- d) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- e) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO.08: Construction of Ice Plants in Kanniyakumari district.

The Authority resolved to recommend the proposal to the Ministry of Environment and Forests, Government of India subject to the following specific conditions:

- a) The applicants shall furnish an Environment Management Plan for handling Ammonia in the event of any leakage / spillage.
- b) There should not be any ground water extraction in CRZ.

- c) The Safety measures system indicated in the Project profile which facilitates safety plant operation shall be erected without fail and shall also be maintained properly.
- d) Consent for Establishment from Tamil Nadu Pollution Control Board should be obtained.
- e) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- f) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO.09: Repairs and renovation of Tourism centre at Poombukar in Nagapattinam district proposed by Public Works Department.

The Authority resolved to clear the proposal except for the construction of curve arch at Poompohar tourist center subject to the following specific conditions:

- a) Entrance curve arch at Poompohar tourist center shall be erected only outside CRZ area.
- b) There should not be any ground water extraction in CRZ.
- c) Construction in between HTL and LTL of any nature is prohibited.
- d) Natural landforms in the coastal zone like beaches and dunes should not be altered or leveled.
- e) Proper arrangements should be made for the disposal of solid wastes generated in the project areas.
- f) The unit should obtain planning permission for their proposed construction from the Department of Town and Country Planning.
- g) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- h) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO.10: **Construction of petrol bunk at S.No. 628/9 (P)., Kanniyakumari village, Agastheeswaram taluk, Kanniyakumari district proposed by Thiru S. Jesiah, Kanniyakumari**

The Authority resolved to clear the proposal subject to the following specific conditions:

- a) There should not be any ground water extraction in CRZ.
- b) Proper arrangements should be made for the disposal of solid wastes generated in the project area.
- c) All activities should be in conformity with the provisions of the CRZ Notification 2011.
- d) The proponent shall not undertake any activity, which is violative of the provisions of CRZ Notification 2011.

AGENDA ITEM NO:11: **General:**

- a) As several Power plants are likely to be established on the coast of Nagapattinam district, the Authority resolved to conduct a study on carrying capacity of Nagapattinam coast with reference to the said activities so as to take corrective measures and proper decisions, in future, on similar projects. Due to the presence of Reserve Forests, Bird Sanctuaries, Tidal Flats, Turtle Nesting grounds etc., in and around the Coast of Nagapattinam district, the Authority also resolved to make a comprehensive study on the impact of Coastal and Marine environments on the setting up of several Power Plants and on the erection of foreshore facilities such as captive ports/ jetties, desalination plants etc.,
- b) Further the Authority resolved to make periodical inspections to review and check the adherence of conditions imposed in the Environment Clearances during Construction Phase/ Post Construction Phase and also during Operational Phase, duly by the project proponents.

- c) To carry out the study and to conduct inspections, indicated above, the Authority resolved to form Sub-Committees comprising the Members of Tamil Nadu State Coastal Zone Management Authority. The experts from the specialized institutions will also be included in the said sub-committees to ensure that studying and inspections are unbiased. The Sub-Committees will submit their reports, based on their findings, in periodical intervals to the TNSCZMA for taking further action. The Member Secretary is authorized to process the engagement of agencies for carrying out the above tasks and utilize the funds at the disposal of SCZMA for such purposes duly following the procedures of Government of Tamil Nadu.
- d) The Authority resolved to hike the sitting fees from Rs.1000/- to Rs.3,000/- per sitting to the expert members of the Authority, on par with the sitting fees to the Members of Environmental Appraisal Committees constituted by the Government of India.

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