

# **AGENDA NOTES**

## **60<sup>th</sup> MEETING**

### **TAMIL NADU STATE COASTAL ZONE MANAGEMENT AUTHORITY**

**Date:** 30.08.2010  
**Time:** 03.30 P.M.

**Venue:** PWD Conference Hall  
5<sup>th</sup> Floor,  
Secretariat, Chennai - 600 009

## INDEX

Agenda No.	Description	Page No.
01	Confirmation of the minutes of the 59 <sup>th</sup> meeting held on 28.05.2010	01
02	The action taken on the decisions of the 59 <sup>th</sup> meeting of the Authority held on 28.05.2010	12
03	Setting up of intake and outfall pipeline facilities, pump house coal jetty, corridor facilities etc., in connection with the proposed 1200 MW (2x600MW) coal based thermal power plant & desalination plant, at Manickapangu, Erukatancherry, Sathangudi and Kazhiyappanallur villages of Tharangambadi taluk, Nagapattinam district - proposed by M/s. Chettinad Power Corporation Private Limited., Chennai.	14
04	Permanent stability of Coastal Inlet of Uppanar river of Thirumullaivasal village, Sirkali Taluk, Nagapattinam district proposed by Fisheries Department, Government of Tamil Nadu.	17
05	Construction of Fish Landing Centre with infrastructure facilities at R. Pudupattinam village in Pudukkottai district proposed by Fisheries Department, Government of Tamil Nadu.	19
06	Modernization of existing fish meal and fish oil company at Port Trust Area proposed by M/s. Golden Fish Meal and Fish Oil Company, Cuddalore.	21
07	Any other issue with the permission of the Chair	22

**AGENDA NOTES FOR THE 60<sup>th</sup> MEETING OF  
THE TAMIL NADU STATE COASTAL ZONE MANAGEMENT  
AUTHORITY**

**Date & Time:**

**30.08.2010 - 03.30 P.M.**

**Venue: PWD Conference Hall  
5<sup>th</sup> Floor, Secretariat,  
Chennai - 9**

**AGENDA ITEM NO.01: Confirmation of the minutes of the 59<sup>th</sup> meeting of  
the Tamil Nadu State Coastal Zone Management  
Authority held on 28.05.2010**

The 59<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority was held on 28.05.2010 and the minutes were communicated in letter no.P1/1578/2005 dated 03.06.2010 of Director of Environment. It may be confirmed.

**MINUTES OF THE 59<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL  
ZONE MANAGEMENT AUTHORITY HELD ON 28.05.2010**

**AGENDA ITEM NO.1 Confirmation of the Minutes of the 58<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 13.04.2010.**

The minutes of the 58<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 13.04.2010 communicated in Letter No.P1/1578/2005 dated 22.04.2010 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 58<sup>th</sup> 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 58<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 13.04.2010.

**AGENDA ITEM NO.3 Re-construction and Modernization of existing M.A. Chidambaram Stadium proposed by M/s. The Tamil Nadu Cricket Association, Chennai**

The Authority has noted with displeasure that the applicant has already started the construction works without requisite statutory clearances and the Authority has resolved to place the fact on record.

Further the Authority also resolved to request the applicant to furnish the following additional details to take further action on their proposal.

- a) A detailed Environment Management Plan to mitigate the noise pollution caused during demolition / construction activity shall be furnished. The report shall contain the baseline noise levels and noise levels during demolition / construction activity, monitoring mechanism, periodicity of monitoring, the measures taken to tackle the adverse impacts etc.,
- b) A detailed Management Plan for dust Pollution also shall be furnished. The report should cover the present SPM levels and during the demolition works, the

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measures to be taken to achieve the latest AAQ standards of PM10 & PM 2.5 prescribed by the Ministry of Environment and Forests, Government of India. Air quality monitoring stations should be erected for continuous monitoring till the completion of project construction.

- c) The details on disposal of construction debris shall be furnished. The details should cover the expected quantum of debris, the method of transportation and their disposal together with the permissions obtained from the competent authorities for the demolition of existing constructions, disposal of debris etc.,

**AGENDA ITEM NO.4**      **Construction of Edible Oil Transit Storage Tank Terminal in Chennai Port Area by M/s. Kaleeswari Refinery Private Limited, Chennai**

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

- a) The construction materials and design of storage tank and pipelines should be in accordance with the standard specifications and norms.
- b) A continuous monitoring and adequate safety measures to tackle the consequences of leakage, overflow, if any, arising during the storage and transportation should be implemented.
- c) A bund wall shall be erected around the tanks to contain the edible oil due to leakages / overflow for collection and reuse.
- d) The unit shall provide adequate AAQ monitoring stations for continuous monitoring of dust level (PM 2.5 & PM 10) during construction phase.
- e) The unit shall erect adequate barricades with fine mesh, screens along the boundary of the project site to control dust pollution caused during construction phase.
- f) Planning Permission shall be obtained from the CMDA as per norms.

- g) NoC from the Tamil Nadu Pollution Control Board shall be obtained.
- h) Disaster Management Plan shall be prepared and Mock drills must be carried out periodically along with Port Trust.

.4.

- i) Adequate Green belt shall be developed.
- j) Quantum of bottom sludge arisen from storage tankers periodically and method of collection, transportation and disposal of the same shall be prepared for proper management of the sludge disposal.

**AGENDA ITEM NO.5 Permanent stability of Coastal Inlet of Vellar river and construction of FLC at Portonovo-Annankoil in Cuddalore District under ETRP proposed by Fisheries Department.**

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

- a) It should be ensured that there should not be any adverse impact on coastal ecosystem due to the dredging activity and the dumping of dredged materials and proper mitigation measures should be evolved.
- b) A detailed report on the details of solid waste (Bio-degradable / non- degradable etc.,) generated and a proper plan for segregation at source shall be formulated. Organic Waste Converter (OWC) of adequate capacity shall be provided to dispose the biodegradable waste. Further other solid waste such as plastics may be collected and to be handed over to the nearby cement industries, periodically for co-processing in cement kilns.
- c) The Fishermen community shall be adequately educated on the segregation of solid waste for proper management of the solid waste.
- d) The facilities required such as Buyers waiting hall, Fish Auction hall, Parking area, Administrative office, Toilets, Net mending shed, may be classified as "integral to" and "not integral to" the fish landing centres and only those facilities which are integral to the fish Landing Centres may be provided under "Service area" and those which are "not integral to" may be located outside the CRZ areas.

- e) No drawal of ground water in CRZ areas is permitted.
- f) Adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impact.

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- g) The project proponent has to ensure to achieve the latest standards of PM 2.5 and PM 10 levels prescribed by the Government of India.
- h) Instead of using Chlorine the use of UV in the proposed STP shall be explored.
- i) Proper monitoring and management system to be prepared for handling Ammonia in the Ice Plants.
- j) An environment monitoring plan shall be prepared in association with a reputed environmental institution such as National Institute of Ocean Technology (NIOT), Pallilkaranaï, Chennai,/ Institute of Ocean Management (IOM), Anna University, Chennai/ CAS in Marine Biology, Annamalai University, Parangipettai, to periodically assess and monitor the impact of operation of the facility on the marine environment during construction and post operation period.

**AGENDA ITEM NO.6 Setting up of trestle mounted open sea jetty at Vanagiri village, Sirkali taluk, Nagapattinam district and construction of Pump house, intake & outfall facilities for carrying out sea water and to let out the boiler blow down and desalination reject into the sea, coal coveyor and access to the jetty proposed by M/s. NSL Nagapattinam Power & Infratech Private Limited., Hyderabad**

As the river Cauvery is located within 5 kms from the proposed power project site, is of serious concern and also not permitted in that location as per G.O. 127 Environment and Forest Department dated 08.05.1998 read with G.O.Ms. No. 213 Environment and Forest dated 30.03.1989 and G.O.Ms. No. 223 Environment and Forest Department dated 02.09.1998, the Authority resolved to request the applicant to relocate their Power Plant project site and come with a fresh proposal for consideration.

**AGENDA ITEM NO:7**      **Construction of Commercial cum Hotel Building at 110, Old Mahabalipuram road, Thiruvanmiyur village, Chennai 600 041 proposed by M/s. Brigade Enterprises Limited.**

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

- a) Planning Permission shall be obtained from the CMDA and the construction shall be subject to the existing local Town and Country Planning Regulations including the existing norms of Floor Space Index/ Floor Area Ratio.
- b) Necessary permission shall be obtained from CMWSSB for the supply of water and disposal of treated sewage.
- c) Solid waste management shall be implemented with proper source segregation and disposal.
- d) Clearance from the SEIAA shall be obtained.
- e) Necessary consent from TNPCB shall be obtained.

**AGENDA ITEM NO.8**      **Modernization of existing fish meal and fish oil company at Port Trust Area proposed by M/s. Golden Fish Meal and Fish Oil Company, Cuddalore**

As the unit has proposed to adopt crude method in extracting the fish meal and fish oil, the Authority resolved to request the applicant to submit a fresh proposal to carry out the operations through modern, scientific techniques in consultation with CIBA, Chennai.

Further, as the disposal of treated water through tankers is not permitted by TNPCB the Authority resolved to request the applicant to furnish an alternative methodology in disposal of treated water.

Disinfection of waste water using Chlorine should not be carried out.

**AGENDA ITEM NO.9**      **Extension of time for the Environmental Clearance already issued to the Director, Sacred Heart Marine Research Centre, Thoothukkudi with reference to the temporary research laboratory at Beach road, Karapad, Thoothukkudi.**

The Authority resolved to give extension of time for 5 more years with effect from 10.06.2010 to complete the research subject to the conditions already imposed.



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**AGENDA ITEM NO.10 Construction of Rajakkamangalam Fishing harbour proposed by M/s. Rajakkamangalam Thurai Fishing Harbour Private Limited (RTFHPL), Rajakkamangalamthurai, Kanniyakumari district under BOOT system by the Fisheries Department, Government of Tamil Nadu**

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

- a) It should be ensured that there should not be any adverse impact on coastal ecosystem due to the dredging activity and the dumping of dredged materials and proper mitigation measures should be evolved.
- b) Organic Waste Converter (OWC) shall be provided in such a way that the OWC should tackle the additional Pollution load, if any, in future.
- c) The facilities required such as Auction hall, ice plant, stores, boat building and repair yards, administrative office, parking areas, workshops, garages, Canteen, Toilets, Net mending sheds, approach road etc., may be classified as "integral to" and "not integral to" the fishing harbour and only those facilities which are integral to the fishing harbour may be provided under "Service area" and those which are "not integral to" may be located outside the CRZ areas.
- d) No drawal of ground water in CRZ areas is permitted.
- e) Adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impacts.
- f) The project proponent has to ensure to achieve the latest standards of PM 2.5 and PM 10 levels prescribed by Ministry of Environment and Forests, Government of India.
- g) Instead of using Chlorine the use of UV in the proposed STP shall be explored.
- h) A detailed study shall be conducted on the possible sea erosion to the nearby stretches and the breakwaters shall be designed in such a way that they shall not cause any erosion in the nearby habitations.

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**AGENDA ITEM NO.11**      **Setting up of a beach resort at S.F. No.91/48  
91/30 of Mamallapuram, Tirukalukundram taluk,  
Kancheepuram district proposed by M/s. The  
Beach Retreat Resort & Spa, Mamallapuram.**

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

- a) There should not be any ground water extraction in CRZ.
- b) Waste water should be treated with STP and treated sewage shall be recycled 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) NoC from Tamil Nadu Pollution Control Board should be obtained.
- e) The unit should obtain planning permission from the Department of Town and Country Planning.
- f) The overall height of the building shall not exceed 9 mts and there should not be more than two floors (Ground + First) and the FSI shall not exceed 0.33.

**AGENDA ITEM NO.12**      **Setting up of a beach resort at Kaippenikuppam,  
Marakkanam, Tindivanam taluk, Villupuram district  
proposed by M/s. SPA Legends and Resorts Private Ltd.**

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

- a) Existing sand dunes at the project site shall not be disturbed.
- b) There should not be any construction in the No Development Zone
- c) There should not be any ground water extraction in CRZ.
- d) Waste water should be treated in STP and treated sewage shall be recycled for toilet flushing and green belt development.

- e) Proper arrangements should be made for the disposal of biodegradable solid wastes generated in the project areas by providing Organic Waste Converter (OWC)

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- f) NoC from Tamil Nadu Pollution Control Board should be obtained.
- g) The unit should obtain planning permission from the Department of Town and Country Planning.
- h) The overall height of the building shall not exceed 9 mts and there should not be more than two floors (Ground + First) in CRZ areas and the FSI shall not exceed 0.33 in CRZ areas.
- i) The Department of Ecology and Environmental Sciences, Pondicherry University shall be involved in preparing conservation plan for protecting the sand dunes and monitoring the maintenance of sand dunes during construction and operation phase.

**AGENDA ITEM NO.13 Purchase of Map Cabinets for the safe custody of HTL demarcation maps and the distribution of said maps to the Coastal District Collectors.**

The Authority resolved to ratify the action of the Member Secretary, TNSCZMA in having purchased the Map Cabinets to protect the HTL maps supplied by the Institute of Remote Sensing in A0 size, in safe custody and from any damage. Further the Authority has also resolved to permit the Member Secretary, TNSCZMA to settle the bills for Rs.1,77,000/- from the Tamil Nadu Coastal Zone Management Fund A/c to the suppliers.

Further the Authority resolved to permit the Member Secretary, Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) to hire vehicles to distribute the HTL maps received from the Institute of Remote Sensing, Anna University to all the coastal District Collectors, Coastal DEES of TNPCB & Regional Deputy Directors of

Department of Town & Country Planning concerned at a cost of Rs.40,000/- and also the Authority resolved to permit the Member Secretary, TNSCZMA to settle the bills towards vehicle hire charges from the Tamil Nadu Coastal Zone Management Fund A/c.

**AGENDA ITEM NO.14** Updation of HTL Demarcation carried out by the Chief Hydrographer, Dehradun and fresh HTL demarcation from Pulicot Lake to Andhrapradesh Border through IRS., Anna University.

The Authority resolved to permit the Member Secretary, Tamil Nadu State Coastal Zone Management Authority to carry out the following works in order to complete the HTL demarcation all over Tamil Nadu uniformly as envisaged in CRZ Notification 1991.

- h) Updation of HTL demarcation with reference to latest guidelines issued by MoEF., GoI for the areas of 110 kms between Palar river mouth and Pulicat lake.
- ii) Fresh HTL demarcation for the coastal areas between Pulicat lake and Andhrapradesh border along with tidal influenced water bodies about 150 kms.
- iii) Superimposing the HTL references in the village cadastral maps of 1:5000 scale along with the ecological features like sand dunes, mangroves, monuments etc.,

The Authority further resolved to permit the Member Secretary, Tamil Nadu State Coastal Zone Management Authority to entrust the work to M/s. Institute of Remote Sensing, Anna University at a cost of Rs.35.00 lakhs + Service taxes as applicable (10.30%).

The Authority also resolved to permit the Member Secretary, Tamil Nadu State Coastal Zone Management Authority to settle the above expenditure from the Tamil Nadu State Coastal Zone Management Fund A/c.

**AGENDA ITEM NO.15 - GENERAL**

- a) While scrutinizing the Power project proposals, the Chairman to Tamil Nadu State Coastal Zone Management Authority has emphasized that the Eco-system should be preserved along with the coastal area and it should not be at the cost of environment and opined that the industrialization and conservation should march together.

- b) The Authority opined that as several corporate sectors are coming forward with proposals with huge investment, they may be instructed to allocate sufficient funds for R&D, especially towards specific long term programmes for the conservation of biodiversity, species recovery, research, continuous monitoring etc., Further the Educational institutions such as CAS Marine Biology, Annamalai University, IOM Anna University, NIOT and the Government Departments viz., Fisheries, Forests, Environment and TNPCB may be included not only on formulating the programmes but also in implementing them, with their active participation.
- c) The Chairman, State Coastal Zone Management Authority informed that reviving the Buckingham canal for water transport within the Chennai City limit is not feasible and therefore has been excluded. This fact may be got confirmed by referring to the Inland Waterway Authority Notification. Hence the Chairman suggested that sending the said facts to the National Coastal Zone Management Authority for considering the deletion of non-tidal influence areas along the Buckingham canal from Kotturpuram to Sholinganallur from the approved State Coastal Zone Management Plan.
- d) The Authority resolved that Sub-committees of the Authority may be formed for monitoring the projects for which Environmental Clearances have been issued and for submitting the reports periodically about compliance of various conditions for the notice of TNSCZMA.

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

Sd/-  
Thiru Debendranath Sarangi. IAS.  
Chairman, TNSCZMA and  
Principal Secretary to Government,  
Environment & Forests Department  
Chennai - 9

**AGENDA ITEM NO.02: The action taken on the decisions of 59<sup>th</sup> meeting of the authority held on 28.05.2010 are given below:**

SI. No	Description of proposals	Action taken
01	Re-construction and Modernization of existing M.A. Chidambaram Stadium., Chennai	As resolved the applicant has been requested to furnish additional particulars in Ir. No. P1/1229/2010 dated 03.06.2010
02	Construction of Edible Oil Transit Storage Tank Terminal in Port Area by M/s. Kaleeswari Refinery Private Limited, Chennai	As resolved, Clearance has been issued under CRZ Notification 1991 in Pro. No. P1/1138/2010 dated 03.06.2010.
03	Permanent stability of Coastal Inlet of Vellar river and construction of FLC at Portonovo-Annankoil in Cuddalore District under ETRP proposed by Fisheries Department	As resolved, the proposals have been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 445/2010/P1 and P1/453/2010 dated 03.06.2010
04	Setting up of trestle mounted open sea jetty at Vanagiri village, Sirkali taluk, Nagapattinam district and construction of marine facilities proposed by M/s. NSL Nagapattinam Power & Infratech Private Limited., Hyderabad	As resolved, the applicant has been requested to relocate the project site and file fresh proposals for clearance in letter No. 517/2010/P1 dated 03.06.2010.
05	Construction of Commercial cum Hotel Building at 110, Old Mahabalipuram road, Thiruvanmiyur village, Chennai 600 041 proposed by M/s. Brigade Enterprises 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. 845/2009/P1 dated 03.06.2010.
06	Modernization of existing fish meal and fish oil company at Port Trust Area proposed by M/s. Golden Fish Meal and Fish Oil Company, Cuddalore	As resolved the applicant has been requested to furnish additional particulars in Ir. No. P1/1010/2010 dated 03.06.2010
07	Extension of time for the Environmental Clearance already issued to the Director, Sacred Heart Marine Research Centre, Thoothukkudi with reference to the temporary research	As resolved, extension of time for five more years has been issued in Pro. No. P1/1487/2007 dated 03.06.2010.

	laboratory at Beach road, Karapad, Thoothukkudi.	
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08	Construction of Rajakkamangalam Fishing harbour proposed by M/s. Rajakkamangalam Thurai Fishing Harbour Private Ltd., (RTFHPL), Rajakkamangalamthurai, Kanniyakumari district under BOOT system by the Fisheries Department, Govt of TN.	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 1230/2010/P1 dated 03.06.2010.
09	Setting up of a beach resort at Mamallapuram, Tirukalukundram taluk, Kancheepuram district proposed by M/s. The Beach Retreat Resort & Spa, Mamallapuram.	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 1928/2010/P1 dated 03.06.2010.
10	Setting up of a beach resort at Kaippenikuppam, Marakkanam, Tindivanam taluk, Villupuram district proposed by M/s. SPA Legends and Resorts Private Ltd.	As resolved, the proposal has been sent to Ministry of Environment and Forests, GoI., through the Environment and Forests Department, GoTN., in letter No. 1020/2010/P1 dated 03.06.2010.
11	Purchase of Map Cabinets for the safe custody of HTL demarcation maps and the distribution of said maps to the Coastal District Collectors.	One set of HTL maps have been retained in the Directorate. Further One set of said maps have been supplied, each, to The Coastal District Collectors (Chairman, DCZMAA), Coastal District Environmental Engineers, TNPCB (Convenors of DCZMA) and the Regional Deputy Directors of Town and Country Planning, in respect of their jurisdiction.
12	Updation of HTL Demarcation carried out by the Chief Hydrographer, Dehradun and fresh HTL demarcation from Pulicot Lake to Andhrapradesh Border through IRS., Anna Uni.	MOU has been signed with Institute of Remote Sensing, Anna University to carry out the HTL demarcation on 03.08.2010 as resolved and they have been requested to complete the task



		within 6 months.
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**AGENDA ITEM NO.03**

**Setting up of intake and outfall pipeline facilities, pump house coal jetty, corridor facilities etc., in connection with the proposed 1200 MW (2x600MW) coal based thermal power plant & desalination plant, at Manickapanngu, Erukatancherry, Sathangudi and Kazhiyappanallur villages of Tharangambadi taluk, Nagapattinam district - proposed by M/s. Chettinad Power Corporation Private Limited., Chennai.**

1.	Name of the Project	Setting up of intake and outfall pipeline facilities, pump house coal jetty, corridor facilities etc., in connection with the proposed 1200 MW (2x600MW) coal based thermal power plant & desalination plant,
2.	Name of the Applicant	M/s. Chettinad Power Corporation Private Limited., 5 <sup>th</sup> floor, Rani Seethai Hall Building, 603, Anna Salai, Chennai 600006
3.	Location of the Project Village/Town, Taluk, Dt.	Manickapanngu, Erukatancherry, Sathangudi and Kazhiyappanallur villages of Tharangambadi taluk, Nagapattinam district
4.	R.S. No.s	36 (P), 37 (P), 47, 48, 49(P), 50, 51, 52, 53, 54, 92, 93, 133 (P), 135 (P) and 137 (P) of Manickapanngu village
5.	Extent of land	Total area of the project is 20.50 Ha.
6.	CRZ Classification	CRZ-I(ii) and CRZ-III.
7.	Project cost	Total project cost in CRZ is 7200 crores
8.	Activities proposed	The following are the proposed marine facilities in CRZ: <b>a) Construction of coal jetty</b> - the trestle will be about 20mts wide with the length of 1300 m distance perpendicular to coastline. The water depth at the end of the trestle will be 10,8 mt CD and the jetty for berthing vessel will be constructed at this depth. The jetty face will have the length of 300mts and width of 20mts. The intake pipeline of 1 No. x 1800 mm dia., outfall pipeline of 1 No. x 155 mm dia., and coal conveyor belt will be routed through the trestle.

		<p><b>b) Sea water intake:</b> Total quantity of sea water drawn from the sea for two phases will be 13218 cub. meter/hr. The sea water intake well will be located at a distance of 1250 mts perpendicular to shoreline at the water depth of 10.7 m CD.</p> <p><b>c) Warm water outfall:</b> Total quantity of warm water discharged in the sea will be 9740 cub.mts/hr. The outfall diffuser will be located at 750 m distance perpendicular to shoreline at the water depth of 8.4 m CD. The brine reject of 960 cub.mts/hr will be mixed with 9180 cub.mts/hr of outfall water plus 400 cub.mts/hr of Ash slurry system. The temperature of the warm water released at sea will be 5°C higher than that of ambient sea water. The net salinity of the discharged water into the sea will be 45.6 ppt. Thus it will be 12.5 ppt higher than the ambient salinity of 35.0 ppt.</p> <p><b>d) Dredging :</b> The approach channel (1200 mts from the jetty) and the berthing area near the jetty will be dredged to (-) 15.6 m CD.</p>
9.	Whether permitted activity as per CRZ Notification? If yes, specify the relevant rules	As per Para 6 (2) CRZ-I and para 6 (2) CRZ-III (i) of the CRZ Notification 1991, facilities those directly related water front or directly needing foreshore facilities can be allowed in CRZ-I(ii) areas and facilities essential for such activities can be allowed in CRZ-III respectively.
10.	The details of recommendations of DCZMA	The DCZMA , Nagapattinam has recommended the project in their meeting held on 29.04.2010.

11.	Any other details	<p>a) Tranquebar Fort is located within 2 kms from the proposed project site and the Department of Archaeology, Government of Tamil Nadu in Ir NO.C1/3461/2010 dated 17.06.2010 has issued NOC for the proposed activities.</p> <p>b) The District Forest Officer has informed that the rare variety of olive red turtle is spotted during December to March for nesting and the release of warm water into the sea will affect the northern migration of the sea turtle during the active nesting season.</p> <p>c) The District Forest Officer has informed further that the proposed power plant is situated 60 kms from coastal Point Calimere Wildlife Sanctuary and wetland which supports 3 - 4 lakhs birds annually and indicated that the release of hot water into the sea will have adverse impact on the coastal Point Calimere wetland through oceanic current movement.</p>
12.	Whether issue of clearance is with in the scope of SCZMA or NCZMA? Specify relevant rules	<p>National Coastal Zone Management Authority.</p> <p>As per para 3 (2) (ii) of the CRZ Notification 1991, the above activity requires clearance from the Ministry of Environment and Forests, Government of India. Further as per para 3 (2) (v) of CRZ Notification 1991, the above activity requires clearance from the Ministry of Environment and Forests, GoI as the project cost is more than five crores.</p>

The Authority may consider.

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**AGENDA ITEM NO.04**

**Permanent stability of Coastal Inlet of Uppanar river of Thirumullaivasal village, Sirkali Taluk, Nagapattinam district proposed by Fisheries Department, Government of Tamil Nadu.**

1.	Name of the Project	Permanent stability of Coastal Inlet of Uppanar river of Thirumullaivasal village, Sirkali Taluk, Nagapattinam district
2.	Name of the Applicant	Commissioner of Fisheries, Tsunami Project Implementation Unit., Nandhanam, Chennai 600 035.
3.	Location of the Project Village/Town, Taluk, Dt.	Uppanar river of Thirumullaivasal village, Sirkali Taluk, Nagapattinam district
4.	R.S. No.s	R.S. No. 694/B
5.	Extent of land	The total dredging area is 230250 sq.mts.
6.	CRZ Classification	CRZ-I(ii)
7.	Project cost	Rs.5.20 crores.
8.	Activities proposed	a) Construction of groin with stones on the southern side of the bar mouth to a length of about 220mts. b) Main channel dredging to a width of 75 mts and to a depth of -2mts CD for the length of 150mts towards sea from the bar mouth. c) Dredging for berthing channel is proposed to a width of 75mts and to a depth of 1.5mts CD to a length of 250 mts and river side dredging to a width of 75mts and depth of -1.5mts CD for a length of 2670 mts at south side
9.	Whether permitted activity as per CRZ Notification? If yes, specify the relevant rules	As per Para 6(2) - CRZ-I of the CRZ Notification 1991, facilities those directly related water front or directly needing foreshore facilities can be allowed in CRZ-I(ii) areas

10.	The details of recommendations of DCZMA	The District Coastal Zone Management Authority of Nagapattinam district in the meeting held on 22.10..2009 has resolved to recommend the proposal to State Coastal Zone Management Authority.
11.	Any other details	<p>a) The total dredging area is 230250 sq.mts.</p> <p>b) As the site is of forest land, the Principal Chief Conservator of Forest vide his letter dated 22.06.2010 has permitted the Wildlife Warden, Nagapattinam to accord permission to the Assistant Director of Fisheries (Marine), Nagapattinam for carrying out desilting, dredging of basin of Uppanar river for keeping the bar mouth open for ensuing easy navigation to the sea for fishing operation <b><u>without widening of existing river course</u></b> and any violation of the provision of Forest (Conservation ) Act 1980.</p>
12.	Whether issue of clearance is with in the scope of SCZMA or NCZMA? Specify relevant rules	<p>National Coastal Zone Management Authority.</p> <p>As per para 3 (2) (ii) of the CRZ Notification 1991, the above activity requires clearance from the Ministry of Environment and Forests, Government of India.</p>

**AGENDA ITEM NO.05 Construction of Fish Landing Centre with infrastructure facilities at R. Pudupattinam village in Pudukkottai district proposed by Fisheries Department, Government of Tamil Nadu.**

1.	Name of the Project	Construction of Fish Landing Centre with infrastructure facilities
2.	Name of the Applicant	Commissioner of Fisheries, Tsunami Project Implementation Unit., Nandhanam, Chennai 600 035.
3.	Location of the Project Village/Town, Taluk, Dt.	R. Pudupattinam village, Avudaiyar Koil taluk, in Pudukkottai district
4.	R.S. No.s	171/3
5.	Extent of land	765.89 sq.mts.
6.	CRZ Classification	CRZ- III
7.	Project cost	Rs. 4.41 crores.
8.	Activities proposed	Construction of fish landing centre with the following infrastructure facilities: Auction Hall & market, weighing platform, wash area, Administrative Office, Cafeteria, Library, Buyer's waiting hall, Net mending shed, Security room, Fuel station, Chill Room facility/ Deep freezer hall, Sanitary / Toilet facility, Sewage Treatment facility, Approach & Internal roads, Water supply, Electrical supply and lighting, compound wall and Solid waste collection area.
9.	Whether permitted activity as per CRZ Notification? If yes, specify the relevant rules	As per CRZ-III (i) of the CRZ Notification 1991, permissible activities and facilities essential for such activities can be allowed in CRZ - III areas.





10.	The details of recommendations of DCZMA	The District Coastal Zone Management Authority of Pudukkottai district in the meeting held on 21.05.2010 has resolved to recommend the proposal to State Coastal Zone Management Authority.
11.	Any other details	<p>a) The applicant indicated that the system of treatment of the trade effluent / sewage will be using the latest Fluidized Bio-bed reactor/ Fluidized Aerobic bed reactor.</p> <p>b) Bio-mechanical composting using organic waste converter is proposed for Solid Waste Management. The applicant has also informed that HCFC-123 will be used as refrigerant in cold storage facilities.</p> <p>c) The applicant indicated that TWAD Board will supply the required fresh water of 89 cum per day. However the consent obtained, if any, from the TWADB has not been enclosed.</p> <p>d) As it is a rough sea, no quay or wharf construction has been proposed</p>
12.	Whether issue of clearance is with in the scope of SCZMA or NCZMA? Specify relevant rules	National Coastal Zone Management Authority. As per para 3 (2) (ii) of the CRZ Notification 1991, the above activity requires clearance from the Ministry of Environment and Forests, Government of India.

The authority may consider

**AGENDA ITEM NO.06 Modernization of existing fish meal and fish oil company at Port Trust Area proposed by M/s. Golden Fish Meal and Fish Oil Company, Cuddalore**

The proposal has been placed before the Tamil Nadu State Coastal Zone Management Authority in the 59<sup>th</sup> meeting held on 28.05.2010 and the Authority has resolved as follows:

1) As the unit has proposed to adopt crude method in extracting the fish meal and fish oil, the Authority resolved to request the applicant to submit a fresh proposal to carry out the operations through modern and scientific techniques in consultation with CIBA, Chennai.

2) Further, as the disposal of treated water through tankers is not permitted by TNPCB the Authority resolved to request the applicant to furnish an alternative methodology in disposal of treated water.

3) Disinfection of waste water using Chlorine should not be carried out.

Hence the project proponent has been requested to furnish details/ reports as sought for by the Tamil Nadu State Coastal Zone Management Authority in letter No. 1010/P1/2010 dated 03.06.2010 of Member Secretary, State Coastal Zone Management Authority.

4) The applicant has informed in their letter dated 21.06.2010 (copy enclosed) that CIBA has refused to issue opinion, even though they accepted that the operations indicated in the proposal are based on modern and scientific technique, as they are not empowered / authorised to issue such opinion. The applicants have further stated that they have approached Central Institute of Fisheries Technology (CIFT) at Cochin for their advise on the proposed project, as per the suggestion of CIBA and enclosed a copy of opinion issued by CIFT (copy enclosed).

.22.

The CIFT has indicated that "the applicant must ensure that the waste water undergoes treatment in an ETP before discharging in to back water and meets the water quality specifications as per Pollution Control Board and also must keep a certificate from an authorized agency that the above norms are satisfied. CIFT., has further stated that the applicant must also validate the ETP process periodically as per regulation in force"

The applicant have also stated that they will not use Chlorine for disinfection of waste water as instructed by SCZMA and proposed to discharge treated waste water into tidal influenced Uppanar river based on the suggestions of CIFT. The applicant have also assured that the waste water will be treated as per the specifications fixed by the TNPCB and they will follow the instructions of TNPCB in this regard.

The Authority may consider.

**AGENDA ITEM NO:07 ANY OTHER ISSUES WITH THE PERMISSION OF CHAIR.**

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

Sd/- xxxxx  
Thiru Debendranath Sarangi. IAS.  
Chairman, TNSCZMA and Addl. Chief  
Secretary to Government,  
Environment & Forests Dept., Chennai - 9

**ADDITIONAL  
AGENDA NOTES**

**60<sup>th</sup> MEETING**

**TAMIL NADU STATE COASTAL ZONE  
MANAGEMENT AUTHORITY**

**Date: 30.08.2010**

**Time: 03.30 P.M.**

**Venue: PWD Conference Hall**

**5<sup>th</sup> Floor,**

**Secretariat, Chennai - 600 009**

## INDEX

Addl. Agenda No.	Description	Page No.
01	Construction of seawater intake pump house, laying of pipelines for intake of sea water and to letout boiler blow down and desalination plant 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.	01
02	Setting up of a beach resort at S.F. No.188/3C, 188/3A1C2, 188/3C5, 245/1C1 of Mamallapuram, Tirukalukundram taluk, Kancheepuram district proposed by Thiru A.R. Madhana Gopal	04
03	Setting up of a beach resort at S.F. No.187/2B2C1, 187/2B2C4, 187/2B2C3, 188/3A1A, 188/A1A, 188/3A1B, 188/3A1C, 188/3A1C2, 188/3A2, 188/3B, 188/3C2, 188/3C5, 188/3C4 of Mamallapuram, Tirukalukundram taluk, Kancheepuram district proposed by Thiru A.R. Ravichandran	07
04	Setting up of a beach resort S.F. No. 1 /4, 2/19B, 25A, 434 of Uthandi village, Tambaram taluk, Kancheepuram district proposed by M/s. Malvika Resorts.	10
05	Shifting of intake channel location of drawal of sea water, outfall channel location for discharge of treated waste water/cooling water and installation of pump house in connection with the 2x600 MW Thermal Power Project at Pattinamaruthur village, Thoothukkudi sdistrict proposed by M/s. Coastal Energen (P) Ltd.,Chennai	12
06	Settlement of fuel charges and maintenance charges for the Innova Vehicle from the Tamil Nadu State Coastal Zone Management Authority fund.	13

**ADDL.AGENDA ITEM NO.01 Construction of seawater intake pump house, laying of pipelines for intake of sea water and to letout boiler blow down and desalination plant 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.**

M/s. TRIDEM Port and Power Company Private Limited, Chennai 600 014 has submitted a proposal for the Establishment of a deep water draft port at Vettaikkaraniurppu, Kilvelur taluk, Nagapattinam district in connection with the proposed 1820 MW coal fired thermal Power project and 150 MW coal fired thermal Power Project, at Kilpidagai and Karappidagai villages of Kilvelur taluk, Nagapattinam district for Clearance under CRZ Notification 1991.

2) The subject has been placed before the 55<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 11.12.2009 and the Authority has resolved to recommend the proposal for the construction of Deep water draft port to Ministry of Environment and Forests, Government of India, subject to the following specific condition among other things.

**The applicant should locate 1820 MW coal fired thermal Power project and 150 MW coal fired thermal Power Project outside CRZ, as assured and prior Clearance under CRZ Notification 1991, should be obtained for their proposed Pipe lines, Coal conveyors between the Power Plant and Captive Port after the finalization of location of Power Plant outside CRZ.**

3) Accordingly under the name **M/s. Nagapattinam Energy Private Limited, Chennai**, (one of the Tridem Group of Companies) has proposed to establish a 150 MW Thermal Power Plant in R.S.Nos. 235 to 239 and 241 to 244 of Karapidagai Vadakku village in Nagapattinam district, in a new location. The applicant has applied for the Clearance under CRZ Notification 1991, for the construction of seawater intake pump house, laying of pipelines for intake of sea water and to let out boiler blow down and desalination plant reject, in connection with the above Power Plant which are falling in Karapidagai North, Karapidagai South,

Vilundhamavadi and Vettaikaraniruppu villages falling in CRZ III and CRZ-I (ii). Total Project cost is Rs.785 crores.

.2.

4) In this connection, it is pointed out that the new location of the proposed power plant is also falling in CRZ as per the approved State Coastal Zone Management Plan. The Deputy Director, Department of Town and Country Planning, Thanjavur has also confirmed the fact in his letters dated 10.11.2009 and 04.03.2010., addressed to the applicant. Hence the applicant has been requested to locate Power Plant outside CRZ area, as per approved State Coastal Zone Management Plan and intimate the fact, to this office for taking further action, in this office letters dated 07.07.2010 & 12.08.2010.

5) However as the applicant has insisted to place the matter before the State Coastal Zone Management Authority in their letter dated 16<sup>th</sup> August 2010 and willing to pay the Scrutiny fee, the subject is placed before the Authority for scrutiny, with the following details.

- a) As per CRZ Notification 1991, vide para 2 (i) setting up of New Industries in CRZ areas is prohibited activity and as per para 3 (2) (iii) of the said notification only foreshore facilities for transport of raw materials, facilities for in-take of cooling water and outfall for discharge of treated waste water/ cooling water, in connection with the Power Plants are permissible activities in CRZ.
- b) Ministry of Environment and Forests, Government of India in their letter No.J-17011/16/93-IA-III dated 27<sup>th</sup> September 1996 has approved the Coastal Zone Management Plan (CZMP) of Tamil Nadu with the instructions that the Government of Tamil Nadu should ensure that all development and activities in CRZ areas take place within the framework of the approved Coastal Zone Management Plan. Further as per CRZ Notification 1991, vide para 3 (3) (ii) the Government of Tamil Nadu and State Coastal Zone Management Authority are

empowered to regulate the activities in CRZ within the frame work of such approved plans.



.3.

- c) The applicant has furnished the HTL demarcation maps, obtained from the IRS., Anna University, with reference to the Power Project site to the DCZMA. As per the demarcation map of IRS., AU, the location of the power plant is falling away from the CRZ about 850 mts from the HTL of Pudupalli vaikkal and 5 kms from the Bay of Bengal. The Deputy Director of Town and Country Planning, Thanjavur has also in his letter date 21.07.2010 indicated that the site is falling away from CRZ as per the HTL demarcation done by the IRS., Anna university. Based on the HTL demarcation map of IRS., Anna University, the DCZMA has indicated that the Power Plant need not requires clearance under CRZ Notification 1991 and recommended for Clearance under CRZ Notification 1991, for the setting up of Marine facilities indicated in para 3 above (copy of minutes of the DCZMA, Nagapattinam enclosed).
- d) The applicant has indicated that while approving the Coastal Zone Management Plan of Tamil Nadu in letter No..J-17011/16/93-IA-III dated 27<sup>th</sup> September 1996 , the Ministry of Environment and Forests, Government of India vide para A (vii) informed that it is advisable whenever there is any doubt, any development activity should only be permitted after ground measurements from the HTL taking into consideration marks left by water, presence of mangroves, mudflats and beach. As the IRS., Anna University has reported based on the ground verification that the project site is falling away from HTL about 800mts, the applicant has requested to consider their request favourably.

The Authority may decide.

.4.

**ADDL.AGENDA ITEM NO.02 Setting up of a beach resort at S.F. No.188/3C, 188/3A1C2, 188/3C5, 245/1C1 of Mamallapuram, Tirukalukundram taluk, Kancheepuram district proposed by Thiru A.R. Madhana Gopal**

1.	Name of the Project	Construction of a Beach Resort
2.	Name of the Applicant	Thiru A.R. Madhana Gopal, Othavadai Street, Mamallapuram ., Tirukalukundram Taluk., Kancheepuram district.
3.	Location of the Project Village/Town Taluk, District	Mamallapuram, Tirukalukundram taluk, Kancheepuram district
4.	R.S. No.s	S.F. No.188/3C, 188/3A1C2, 188/3C5, 245/1C1
5.	Extent of land	4.9573 Ha
6.	CRZ Classification	CRZ III
7.	Project cost	Rs. 14 crores
8.	Activities proposed	<p>The applicant proposed to construct 32 rooms and 48 cottages besides other features comprising of service building, restaurants, bar and conference halls with basement, ground floor and first floor with total built up area of 14350 Sq.mts. (FSI). The total height of the building is 8.2 mts. The Total cost of the project is 14 crores.</p> <p>No drawal of ground water in CRZ. The total water requirement for various uses is 42 KLD and will be met through their own well located outside the CRZ area ie., in S.F. No. 85 Kunnappattu village, Chengalpattu taluk.</p>
9.	Whether permitted activity as per CRZ Notification? If yes, specify the relevant rules	As per para 6 (2) CRZ III (iii) development of vacant plots between 200 and 500 metres of HTL in designated areas of CRZ-III with prior approval of Ministry of Environment and Forests

		may be permitted for construction of hotels/beach resorts for temporary occupation of tourists/visitors.
10.	The details of recommendations of DCZMA	<p>The District Coastal Zone Management Authority, Kanceepuram district, in their meeting held on 21.07.2010, indicated that the applicant has proposed to develop the resort beyond 200mts from the HTL of sea and DCZMA has recommended the proposals to the SCZMA, subject to the following conditions :</p> <p>a) The project proponent shall obtain necessary clearance from Archeological Survey of India (ASI).</p> <p>b) The project proponent shall obtain necessary clearance from Kalpakkam Nuclear Installation Local Authority.</p> <p>In this connection, the applicant has furnished a copy of NOC issued by the ASI., dated 16.02.1995 which covers part of their land and the applicant has informed that the remaining to be secured is under process. Further the applicant has informed that the clearance from Kalpakkam Nuclear Installation Local Authority could be secured only after accordance of clearance under CRZ Notification 1991.</p>

11.	Any other details	The resort has proposed to implement sewage treatment plant to treat the domestic sewage quantity of 34 KLD. The treated sewage of 20 KLD is to be utilized for gardening purpose and the remaining quantity of 14 KLD will be resued for toilet flushing. The food waste and other organic waste of 121 kg/day generated from the resort will be converted as manure through in-vessel composting system and the same will be sued for landscaping and gardening purposes. The applicant produced a copy of HTL demarcation map obtained from IRS.
12.	Whether issue of clearance is with in the scope of SCZMA or NCZMA? Specify relevant rules	National Coastal Zone Management Authority. As per para 6 (2) CRZ III (iii) development of vacant plots between 200 and 500 metres of HTL in designated areas of CRZ-III will be permitted with prior approval of Ministry of Environment and Forests. Further, as per para 3(2) (v) all activities with investment of five crore rupees or more require environmental clearance from Ministry of Environment, Government of India.

The Authority may consider

.7.

**ADDL.AGENDA ITEM NO.03** Setting up of a beach resort at S.F. No.187/2B2C1, 187/2B2C4, 187/2B2C3, 188/3A1A, 188/A1A, 188/3A1B, 188/3A1C, 188/3A1C2, 188/3A2, 188/3B, 188/3C2, 188/3C5, 188/3C4 of Mamallapuram, Tirukalukundram taluk, Kancheepuram district proposed by Thiru A.R. Ravichandran

1.	Name of the Project	Construction of a Beach Resort
2.	Name of the Applicant	Thiru A.R. Ravichandran., No.1-B, Anand Apartments, 6 <sup>th</sup> Street, Dr. Radha Krishnan Salai, Mylapore, Chennai 600 004.
3.	Location of the Project Village/Town Taluk, District	Mamallapuram, Tirukalukundram taluk, Kancheepuram district
4.	R.S. No.s	S.F. No.187/2B2C1, 187/2B2C4, 187/2B2C3, 188/3A1A, 188/A1A, 188/3A1B, 188/3A1C, 188/3A1C2, 188/3A2, 188/3B, 188/3C2, 188/3C5, 188/3C4
5.	Extent of land	5.5805 Ha
6.	CRZ Classification	CRZ III
7.	Project cost	Rs. 15 crores
8.	Activities proposed	<p>The applicant proposed to construct 30 rooms and 48 cottages besides other features comprising of service building, restaurants, bar and conference halls with basement, ground floor and first floor with total built up area of 16349 Sq.mts. (FSI). The total height of the building is 8.2 mts.</p> <p>No drawal of ground water in CRZ. The total water requirement for various uses is 42 KLD and will be met through their own well located outside the CRZ area ie., in S.F. No. 428 Payanur village, Chengalpattu taluk.</p>

9.	Whether permitted activity as per CRZ Notification? If yes, specify the relevant rules	As per para 6 (2) CRZ III (iii) development of vacant plots between 200 and 500 metres of HTL in designated areas of CRZ-III with prior approval of MoEF may be permitted for construction of hotels/beach resorts for temporary occupation of tourists/visitors.
10.	The details of recommendations of DCZMA	<p>The District Coastal Zone Management Authority, Kanceepuram district, in their meeting held on 21.07.2010, indicated that the applicant has proposed to develop the resort beyond 200mts from the HTL of sea and DCZMA has recommended the proposals to the SCZMA, subject to the following conditions :</p> <p>a) The project proponent shall obtain necessary clearance from Archeological Survey of India.</p> <p>b) The project proponent shall obtain necessary clearance from Kalpakkam Nuclear Installation Local Authority.</p> <p>In this connection, the applicant has furnished a copy of NOC issued by the ASI., dated 16.02.1995 which covers part of their land and the applicant has informed that the remaining to be secured is under process. Further the applicant has informed that the clearance from Kalpakkam Nuclear Installation Local Authority could be secured only after accordance of clearance under CRZ Notification 1991..</p>

11.	Any other details	The resort has proposed to implement sewage treatment plant to treat the domestic sewage quantity of 34 KLD. The treated sewage of 20 KLD is to be utilized for gardening purpose and the remaining quantity of 14 KLD will be re-used for toilet flushing. The food waste and other organic waste of 121 kg/day generated from the resort will be converted as manure through in-vessel composting system and the same will be used for landscaping and gardening purposes. The applicant produced a copy of HTL demarcation map obtained from IRS., Anna University
12.	Whether issue of clearance is with in the scope of SCZMA or NCZMA? Specify relevant rules	National Coastal Zone Management Authority. As per para 6 (2) CRZ III (iii) development of vacant plots between 200 and 500 metres of HTL in designated areas of CRZ-III will be permitted with prior approval of Ministry of Environment and Forests. Further, as per para 3(2) (v) all activities with investment of five crore rupees or more require environmental clearance from Ministry of Environment, Government of India.

The Authority may consider

**ADDL.AGENDA ITEM NO 04 Setting up of a beach resort S.F. No. 1 /4, 2/19B, 25A, 434 of Uthandi village, Tambaram taluk, Kancheepuram district proposed by M/s. Malvika Resorts**

1.	Name of the Project	Construction of a Beach Resort
2.	Name of the Applicant	M/s. Malvika Resorts., Maalvika Centre, 144/145, Kodambakkam High Road., Chennai 600 034.
3.	Location of the Project Village/Town Taluk, District	Uthandi village, Tambaram taluk, Kancheepuram district
4.	R.S. No.s	S.F. No. 1 /4, 2/19B, 25A, 434
5.	Extent of land	2.3831 Ha
6.	CRZ Classification	CRZ III
7.	Project cost	Rs. 20 crores
8.	Activities proposed	The applicant proposed to construct 44 rooms besides other features comprising of service building, restaurants, bar and banquet halls with ground floor and first floor with total built up area of 4814.37 Sq.mts. (FSI). The total height of the building is 8.5 mts.  No drawal of ground water. The total water requirement for various uses is 20 KLD and will be met through their well located outside the CRZ area ie., in S.F. No.3/1A of Uthandi village, Tambaram taluk, Kancheepuram district, which is falling about 1 km from the project site.
9.	Whether permitted activity as per CRZ Notification? If yes, specify the relevant rules	As per para 6 (2) CRZ III (iii) development of vacant plots between 200 and 500 metres of HTL in designated areas of CRZ-III with prior approval of MoEF may be permitted for construction of hotels/beach resorts.



10.	The details of recommendations of DCZMA	The District Coastal Zone Management Authority, Kanceepuram district , in their meeting held on 21.07.2010, has recommended the proposals to the SCZMA.
11.	Any other details	The resort has proposed to implement sewage treatment plant to treat the domestic sewage quantity of 18 KLD. The treated sewage of 13.25 KLD is to be utilized for gardening purpose and the remaining quantity of 4.75 KLD will be resued for toilet flushing. The food waste and other organic waste of 44 kg/day generated from the resort will be converted as manure through organic waste converter system and the same will be sued for landscaping and gardening purposes The applicant has produced a copy of HTL demarcation map obtained from IRS., Anna University.
12.	Whether issue of clearance is with in the scope of SCZMA or NCZMA? Specify relevant rules	National Coastal Zone Management Authority. As per para 6 (2) CRZ III (iii) development of vacant plots between 200 and 500 metres of HTL in designated areas of CRZ-III will be permitted with prior approval of Ministry of Environment and Forests. Further, as per para 3(2) (v) all activities with investment of five crore rupees or more require environmental clearance from Ministry of Environment, Government of India.

The Authority may consider

**ADDL. AGENDA ITEM NO:05**      **Shifting of intake channel location of drawal of sea water, outfall channel location for discharge of treated waste water/cooling water and installation of pump house in connection with the 2x600 MW Thermal Power Project at Pattinamaruthur village, Thoothukkudi sdistrict proposed by M/s. Coastal Energen (P) Ltd.,Chennai**

M/s. Coastal Energen (P) Ltd.,Chennai has submitted a proposal for the Construction of laying of pipelines for drawal of sea water, discharge of treated waste water and to install a pump house in R.S. No.40 of Pattinamaruthur , Ottapidaram taluk, Thoothukkudi district for clearance under CRZ Notification 1991. The proposal was placed before the 50<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 06.03.2009 and the Authority has recommended the proposal to Ministry of Environment and Forests, Government of India for clearance under CRZ Notification 1991. Accordingly, the GoI has issued Environmental Clearance for the above project in Ir. No. 11-32/2009-IA-III dated 10<sup>th</sup> August 2009.

2) In letter dated 19<sup>th</sup> August 2010, the applicant has proposed for

- (i) shifting of intake channel location for drawal of sea water, outfall channel location for discharge of treated waste water/cooling water and installation of pump house in connection with the above Thermal Power Project, about 1400mts from the present location and
- (ii) Construction of open channels for the drawal of sea water and for the discharge of effluents disposal system instead of pipelines already proposed.

3) The applicant has proposed for the above changes, due to the following reasons:

- a) The proposed location is barren land and no rehabilitation is involved. New location is most suitable due to its close proximity to the power plant.
- b) The intake and outfall pipe length reduces by about 1.20 kms.
- c) Disturbance to nature reduced.

.13.

- d) The model study at new location confirms, outfall location for discharges is suitable to achieve the required cooling at all hydrological and metrological condition and free from recirculation. (copy of modeling studies enclosed).

The details of amendments sought for by the applicant is as follows:

<b>CRZ clearance vide Ir. No. 11-32/2009-IA-III dated 10<sup>th</sup> August 2009 of MoEF, GoI.</b>	<b>Amendment sought for</b>
Intake Channel location of sea water near coast at 8°55'22" N, 78° 11'22"E	Intake Channel location of sea water near coast at 8° 54' 42.2" N, 78° 10'53.1"E
Outfall Channel location of sea water near coast at 8°55'47" N, 78° 11'36"E	Intake Channel location of sea water near coast at 8°55'10.8" N, 78° 11'3.7"E
Pump house location at Pattinamaruthur village at R.S. No. 40	Pump house and portion of pipelines location at Pattinamaruthur village at R.S. No. 199, 202 & 203.
The intake and outfall pipeline shall be buried at least 2mts depth in the onshore area and 4mts., in the offshore area	Construction of open channels for intake and outfall systems: Intake Channel; Bottom width 20mts, Top with 25mts and side slopes 1:4, depth around 2.3 CD and 200mts long from the (Land Fall Point) LFP. Outfall Channel: Bottom width 20mts, Top with 25mts and side slopes 1:4, depth around 2.3 CD and 200mts long from the (Land Fall Point) LFP.

The applicant has requested to recommend the above changes to the MoEF., GoI to issue amendments in the CRZ Clearance already issued by MoEF., GoI in Ir. No. 11-32/2009-IA-III dated 10<sup>th</sup> August 2009 in respect of the above project.

The Authority may consider.

**ADDL. AGENDA ITEM NO.06 Settlement of fuel charges and maintenance charges for the Innova Vehicle from the Tamil Nadu State Coastal Zone Management Authority fund.**

In the 48<sup>th</sup> SCZMA meeting held on 03<sup>rd</sup> November 2008, the Authority resolved to permit the Director of Environment to purchase of one car at a cost of

Rs.8.50 lakhs for the use of Member Secretary, State Coastal Zone Management Authority/Director of Environment from the State Coastal Zone Development Fund. Accordingly, an Innova - petrol vehicle has been purchased.

.14.

As condemnation proposals have been sent to Motor Vehicle Maintenance Organisation to condemn the Staff Car of Director of Environment TN 09 G 444 (Ambassador) and the said vehicle is also kept idle due to its un road worthiness, the Works Manager, Government Automobile Work shop of Department of Motor Vehicles has been requested to divert the fuel allotted to the above vehicle to the newly purchased Innova vehicle. Accordingly orders were received from the MVMO and on the orders of the Works Manager, MVMO., petrol has been procured from the Government Petrol Bunk and the bills have been settled from Government Account, during the past one and half years for the Innova - vehicle.

Now, Government has ordered for the purchase of a new vehicle in the place of condemned vehicle TN 09 G 444 Ambassador in G.O.(2D) Ms.No. 28 dated 26.05.2010 and the new vehicle will be purchased shortly. Hence the MVMO will be approached for the allocation of fuel allotment intended to the vehicle TN 09 G 444 to the new vehicle to be purchased.

Hence it is submitted for the approval of the Authority to permit the Director of Environment / Member Secretary, TNSCZMA to settle the bills relates to fuel and maintenance charges, to be incurred in future, for the Innova vehicle from and out of the State Coastal Zone Development Fund. The expenditure towards Fuel and Maintenance will be incurred as per existing Government rules and regulations. Sufficient funds are available under Tamil Nadu State Coastal Zone Management Development Fund.

The Authority may consider.

Sd/- xxxxx

Thiru T.S. Srinivasamurthy., I.F.S.

Thiru Debendranath Sarangi. IAS.

Member Secretary, TNSCZMA and  
Director, Dept. of Environment,  
Chennai -15

Chairman, TNSCZMA and Addl. Chief  
Secretary to Government,  
Environment & Forests Dept., Chennai - 9

**ADDL.AGENDA ITEM NO.07 Re-construction and modernization of existing Pazhayar Fishing Harbour, Sirkali taluk, Nagapattinam district under ETRP proposed by Fisheries Dept.**

1.	Name of the Project	Re-construction and modernization of existing Pazhayar Fishing Harbour
2.	Name of the Applicant	Commissioner of Fisheries, Tsunami Project Implementation Unit., Nandhanam, Chennai 600 035.
3.	Location of the Project Village/Town, Taluk, Dt.	Pazhayar, Sirkali taluk, Nagapattinam district
4.	R.S. No.s	R.S.Nos. 338/1
5.	Extent of land	----
6.	CRZ Classification	CRZ -I & CRZ-I (ii)
7.	Project cost	Rs. 29.30 crores.
8.	Activities proposed	<p><u>Proposed seaside structures / activities:</u></p> <ol style="list-style-type: none"> <li>1. Construction of Diaphragm wall - 586 mts.</li> <li>2. Training wall (Groin) - 350 mts.</li> <li>3. Dredging (-) 3.0 to (-) 4.0 mts CD; quantity of dredging 4,72,391 m<sup>3</sup></li> </ol> <p><u>Proposed shore side structures / facilities:</u></p> <p>One berthing quay of 398 mts with a top level of 2.25 mts, an outfitting quay of 30mts length, a repair quay of 48mts length, Auction hall, Ice plants, Crate Washing room, Net mending shed, Gear shed room, UG Sump Fresh water, UG sump saline water, Gen set room, Security cabin, Toiltes, Drainage net work, boat repairing yard, solid waste management &amp; Sewage Treatment Plant (STP of 50 KLD), improving roads as well as construction of new road with lighting, improving, repairing of existing metro auction hall and parking area.</p>
9.	Whether permitted activity as per CRZ Notification? If yes, specify the relevant rules	As per Para 6(2) - CRZ-I of the CRZ Notification 1991, facilities those directly related water front or directly needing foreshore facilities can be allowed in CRZ-I(ii) areas. However no new constructions allowed in CRZ-I.

10.	The details of recommendations of DCZMA	The District Coastal Zone Management Authority of Nagapattinam district in the meeting held on 18.08.2010 has resolved to recommend the proposal to State Coastal Zone Management Authority.
11.	Any other details	<p>The unit has proposed to meet the fresh water demand through existing borewell at Dhargas, village, which is located 2.5 kms away from Pazhayar Fishing Harbour.</p> <p>The unit has proposed to dump the dredged materials near the port in a low lying barren area. It is proposed to lay an embankment bund around the site earmarked for dumping.</p> <p>The District Forest Officer, Nagapattinam has stated that the proposed activity comes under reserve forest area and he has issued NOC for the above said project in his Ir. C.No. 5429/2009 D dated 18.08.2010. The Deputy Conservator of Forest (Central) has informed to the Principal Secretary, GoTN., Environment and Forests Department that CRZ clearance may be obtained and communicated to his office for further consideration of the proposal.</p> <p>The unit has indicated that the present fish catch is estimated to be 9500 TPA and the projected fish catch is &gt;13,000 TPA. Hence the project also requires clearance under EIA Notitication 2006.</p>
12.	Whether issue of clearance is with in the scope of SCZMA or NCZMA? Specify relevant rules	<p>National Coastal Zone Management Authority.</p> <p>As per para 3 (2) (ii) and 3 (2) (v) of the CRZ Notification 1991, the above activity requires clearance from the Ministry of Environment and Forests, Government of India.</p>

The Authority may consider.

Sd/xxx

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

Sd/xxxx

Thiru Debendranath Sarangi. IAS.  
Chairman, TNSCZMA and Addl. Chief  
Secretary to Government, E&F., Ch-9.



**MINUTES OF THE 60<sup>th</sup> MEETING OF THE TAMIL NADU STATE COASTAL  
ZONE MANAGEMENT AUTHORITY HELD ON 30.08.2010**

**AGENDA ITEM NO.1**    **Confirmation of the Minutes of the 59<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 28.05.2010.**

The minutes of the 59<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management Authority held on 28.05.2010 communicated in Letter No.P1/1578/2005 dated 03.06.2010 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 59<sup>th</sup> 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 59<sup>th</sup> meeting of the Tamil Nadu State Coastal Zone Management authority held on 28.05.2010.

**AGENDA ITEM NO.03**    **Setting up of intake and outfall pipeline facilities, pump house coal jetty, corridor facilities etc., in connection with the proposed 1200 MW (2x600MW) coal based thermal power plant & desalination plant, at Manickapangu, Erukatancherry, Sathangudi and Kazhiyappanallur villages of Tharangambadi taluk, Nagapattinam district - proposed by M/s. Chettinad Power Corporation 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) The Ash slurry should not be disposed into the sea and the applicant should make a commitment in this regard.
- b) The applicant shall furnish commitment from the Cement Industry viz., M/s. Chettinad Cements Corporation Ltd., for disposal of ash generated from the unit.

.2.

- c) Details of continuous monitoring plan (pre & post monitoring) of marine water quality surrounding the discharge point shall be furnished.
- d) A long term agreement shall be entered with leading environmental agencies such as NIOT or IOM Anna University or CAS Marine Biology, Annamalai University to assess and monitor the impacts on marine environment, to carry out research in minimizing the damages, to formulate and implement species recovery programmes.
- e) 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.
- f) A fresh study shall be conducted in consultation with IOM, Anna University, on shoreline changes based on the past 30 years data so as to formulate an assessment on the erosion rate in the next 10 years,
- g) Facility for Online monitoring of Environmental Parameters shall be created in such a way that the Statutory Authorities of State and Central such as Pollution Control Board, Department of Environment, Ministry of Environment and Forests may also access data as and when required.
- h) It may be ensured that the temperature of seawater at outfall shall not exceed the permissible level, due to the discharge of warm water.
- i) Fishing culture should not be affected.

**AGENDA ITEM NO.04**

**Permanent stability of Coastal Inlet of Uppanar river of Thirumullaivasal village, Sirkali Taluk, Nagapattinam district proposed by Fisheries Department, Government of Tamil Nadu.**

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

- a) It should be ensured that there should not be any adverse impact on coastal eco-system due to the dredging activity and dumping of dredged materials and proper mitigation measures should be evolved.

.3.

- b) The de-silting and dredging of river basin shall be carried out without widening the existing river course as suggested by the Principal Chief Conservator of Forests, Government of Tamil Nadu.

**AGENDA ITEM NO.05 Construction of Fish Landing Centre with infrastructure facilities at R. Pudupattinam village in Pudukkottai district proposed by Fisheries Department, Government of Tamil Nadu.**

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

- a) The facilities required such as Buyers waiting hall, Fish Auction hall, Parking area, Administrative office, Toilets, Net mending shed, may be classified as "integral to" and "not integral to" the fish landing centres and only those facilities which are integral to the fish Landing Centres may be provided under "Service area" and those which are "not integral to" may be located outside the CRZ areas.
- b) No drawal of ground water in CRZ areas is permitted. The proponent shall obtain and furnish necessary consent from the TWAD Board for the supply of fresh water of 89 m<sup>3</sup> per day, prior to the commencement of activities.
- c) Details on adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impact shall be furnished.
- d) Instead of using Chlorine for disinfection, UV in the proposed STP shall be used.
- e) Proper monitoring and management system to be adopted for storage and handling of Ammonia in the Ice Plants.
- f) Detailed proposal for Waste (Liquid & Solid) Management Plan shall be furnished.

.4.

**AGENDA ITEM NO.06 Modernization of existing fish meal and fish oil company at Port Trust Area proposed by M/s. Golden Fish Meal and Fish Oil Company, Cuddalore**

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

- a) As suggested by the Central Institute of Fisheries Technology at Cochin, the unit should ensure that the waste water undergoes treatment in an ETP before discharging in to back water and the discharged water shall meet the water quality specifications as per Tamil Nadu Pollution Control Board.
- b) The unit shall furnish periodical report to the Tamil Nadu Pollution Control Board on the water quality and follow their instructions, as assured, in this regard.
- c) Solid waste to be generated shall be disposed off properly.
- d) Foul Odour shall be subdued duly during processing itself and the unit shall ensure that the odour shall not create any hindrance to the nearby residents.
- e) Disinfection of waste water using Chlorine should not be carried out.

**ADDL.AGENDA ITEM NO.01 Construction of seawater intake pump house, laying of pipelines for intake of sea water and to letout boiler blow down and desalination plant 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 has pointed out that as per the instruction received from the Ministry of Environment and Forests, Government of India in their letter No.J-17011/16/93-IA-III dated 27<sup>th</sup> September 1996 and as per the CRZ Notification 1991, vide para 3 (3) (ii)., the Government of Tamil Nadu and State Coastal Zone Management Authority are empowered to regulate the activities in CRZ within the frame work of approved Coastal Zone Management plans.

.5.

In view of the above, the Authority resolved to request the applicant to relocate their Power Plant project site, outside CRZ area as per the approved State Coastal Zone Management Plan and come up with a fresh proposal for consideration.

**ADDL.AGENDA ITEM NO.02** **Setting up of a beach resort at S.F. No.188/3C, 188/3A1C2, 188/3C5, 245/1C1 of Mamallapuram, Tirukalukundram taluk, Kancheepuram district proposed by Thiru A.R. Madhana Gopal**

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 and also for the construction of basement.
- 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) The project proponent shall obtain necessary clearance from Archeological Survey of India for their entire project area.
- g) The project proponent shall obtain necessary clearance from Kalpakkam Nuclear Installation Local Authority.

.6.

**ADDL.AGENDA ITEM NO.03** Setting up of a beach resort at S.F. No.187/2B2C1, 187/2B2C4, 187/2B2C3, 188/3A1A, 188/A1A, 188/3A1B, 188/3A1C, 188/3A1C2, 188/3A2, 188/3B, 188/3C2, 188/3C5, 188/3C4 of Mamallapuram, Tirukalukundram taluk, Kancheepuram district proposed by Thiru A.R. Ravichandran

The Authority resolved to recommend the proposal to 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 and for the construction of basement.
- 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) The project proponent shall obtain necessary clearance from Archeological Survey of India for their entire project area.
- g) The project proponent shall obtain necessary clearance from Kalpakkam Nuclear Installation Local Authority.

.7.

**ADDL.AGENDA ITEM NO 04 Setting up of a beach resort S.F. No. 1 /4, 2/19B, 25A, 434 of Uthandi village, Tambaram taluk, Kancheepuram district proposed by M/s. Malvika Resorts**

The Authority resolved to recommend the proposal to 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 Chennai Metropolitan Development Authority.

**ADDL. AGENDA ITEM NO:05 Shifting of intake channel location of drawal of sea water, outfall channel location for discharge of treated waste water/cooling water and installation of pump house in connection with the 2x600 MW Thermal Power Project at Pattinamaruthur village, Thoothukkudi sdistrict proposed by M/s. Coastal Energen (P) Ltd., Chennai**

The Authority resolved to recommend the proposal to Ministry of Environment and Forests, Government of India, for their consideration.

**ADDL. AGENDA ITEM NO.06 Settlement of fuel charges and maintenance charges for the Innova Vehicle from the Tamil Nadu State Coastal Zone Management Authority fund.**

As the Director of Environment /Member Secretary, Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) has indicated that the expenditure towards Fuel and Maintenance will be incurred as per existing Government rules and regulations, the Authority has resolved to permit the Director of Environment / Member Secretary, TNSCZMA to settle the bills relating to fuel and maintenance charges, to be incurred in future, for the Innova vehicle (TN 09 G 2563) from and out of the State Coastal Zone Development Fund.

**ADDL.AGENDA ITEM NO.07 Re-construction and modernization of existing Pazhayar Fishing Harbour, Sirkali taluk, Nagapattinam district under ETRP proposed by Fisheries Dept.**

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

- a) The unit shall conduct fresh studies with reference to the characteristic and quality of waste water with the realistic estimates and finalize the capacity of STP based on the studies. In this connection the Authority has instructed the applicant to get the technical advise and concurrence from the Tamil Nadu Pollution Control Board for their revised studies and for the setting up of STP., before commissioning.
- b) It should be ensured that there should not be any adverse impact on coastal eco-system due to the dredging activity and the dumping of dredged materials and proper mitigation measures should be evolved.
- c) Organic Waste Converter (OWC) of adequate capacity shall be provided to dispose the biodegradable waste.



.9.

- d) The facilities required such as Fish Auction hall, Parking area, Toilets, Net mending shed, may be classified as "integral to" and "not integral to" the fishing harbour and only those facilities which are integral to the fishing harbour may be provided under "Service area" and those which are "not integral to" may be located outside the CRZ areas.
- e) No drawal of ground water in CRZ areas is permitted. The proponent unit shall obtain NOC for the drawal of ground water from the Central Ground Water Board prior to the commencement of activities.
- f) Details on adequate mitigation measures to be taken to prevent the Oil spillage and its adverse impact shall be furnished.
- g) The project proponent has to ensure to achieve the latest AAQ standards of PM 2.5 and PM 10 levels prescribed by the Government of India.
- h) Instead of using Chlorine the use of UV in the proposed STP shall be used.
- i) Proper monitoring and management system to be prepared for storage and handling of Ammonia in the Ice Plants.
- j) An environmental monitoring plan shall be prepared in association with a reputed environmental institution such as National Institute of Ocean Technology (NIOT), Pallikaranai, Chennai,/ Institute of Ocean Management (IOM), Anna University, Chennai/ CAS in Marine Biology, Annamalai University, Parangipettai, to periodically assess and monitor the impact of operation of the facility on the marine environment during construction and post operation period.

#### **AGENDA ITEM - GENERAL**

The Authority has noted that 15 meetings have been conducted, between Aug/2008 & Aug/2010, after the reconstitution of the present TNSCZMA and Dr.S. Kathioli, an Expert Member & former Director of NIOT, Pallikarani, Chennai has attended only in 5 meetings. It is felt that the presence of all the members, especially expert members, during the meetings will enable the Authority to get sufficient valuable technical, expertise opinion/views on the projects.

.10.

Hence the Authority has resolved to request the Ministry of Environment, GoI to nominate Thiru B.R. Subramanian., Project Director & SCI "G" , ICMAM Project Directorate, Ministry of Earth Sciences, NIOT Campus, Velachery-Tambaram Main Road, Pallikaranai, Chennai 600 100 as a Member of the Tamil Nadu State Coastal Zone Management Authority in the place of Dr. S. Kathirolu, former Director of NIOT.

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

Sd/-  
Thiru Debendranath Sarangi. IAS.  
Chairman, TNSCZMA and  
Principal Secretary to Government,  
Environment & Forests Department  
Chennai - 9

/forwarded by order/

For Director of Environment

