

F.No. 11-121/2010-IA.III  
Government of India  
Ministry of Environment & Forests,  
(IA Division)

Paryavaran Bhawan,  
CGO Complex, Lodhi Road,  
New Delhi - 110 003.

Dated: February 12, 2014

To  
M/s Rashtriya Ispat Nigam Ltd.,  
Visakhapatnam Steel Plant,  
Visakhapatnam - 530 001

Contact Person Details:


Shri R V Ragghavulu,  
Dy. General Manager, D&E (WS),  
Phone: 0891-2518389  
Email: ravuri@vizagsteel.com


Subject: CRZ Clearance for laying of the pipeline for marine discharge of treated effluents and installation of mobile container sea water reverse osmosis units for desalination of sea water, Visakhapatnam, Andhra Pradesh by M/s Rashtriya Ispat Nigam Ltd. - Reg.

This has reference to the letter No. 5660/CZMA/2010, dated 28.09.2010 of Special Chief Secretary, E.F.S & T. Department, Govt. of Andhra Pradesh and your subsequent letter dated 18.12.2013 seeking prior CRZ Clearance for the above project under the Coastal Regulation Zone Notification, 2011. The proposal has been appraised as per prescribed procedure in the light of provisions under the CRZ Notification, 2011 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, EIA, EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meetings held on 17<sup>th</sup> - 18<sup>th</sup> October, 2011, 16<sup>th</sup> - 17<sup>th</sup> August, 2012 and 20<sup>th</sup> - 23<sup>rd</sup> November, 2013.

2. It is inter-alia noted that the proposal is for laying of pipeline for marine discharge of treated effluents and installation of mobile container seawater reverse osmosis units for the Visakhapatnam Steel Plant. The total effluent proposed to be discharged into marine environment is about 14,1400 cum/day. The industry proposed to lay a subterranean and submarine pipeline for the discharge of treated effluents into the sea near Gangavaram within the project premises. The width of the inter tidal zone varied between 130 and 175 meters at this stretch and is covered with sand/beach and interspersed with low elevated sand dunes. The NIO Visakhapatnam, after considering the prevailing physico-chemical and bathymetry data of the study area, recommended the discharge point at 20 m water depth i.e. at 17° 35' 39" N latitude and 83° 13' 50" E longitude which is 1.12 km from the Land Fall Point (LFP). They assessed that the fluid dilution can be enhanced with a jet velocity of 2 m/s at a depth of 20

  
DGM (EMD)

  
27/2

  
27/2/14

