

**F.No. 11-11/2007-IA-III**  
**Government of India**  
**Ministry of Environment and Forests**

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

**Dated: 9<sup>th</sup> March, 2010.**

**To**  
**M/s. Coastal Gujarat Power Ltd.,**  
**Tata Power Backbay Receiving Station,**  
**148, Lt. Gen. J. Bhousele Marg,**  
**Nariman Point,**  
**Mumbai - 400 021.**

**Subject: Amendment to CRZ clearance for revised location of discharge channel of capacity 0.63 Mm<sup>3</sup>/hr of sea water and clearance for coal handling system for transportation of coal from MPSEZ Port terminal point up to stock pile at power plant including stacking, reclaiming at the port stockyard at Mundra, Gujarat by M/s. Coastal Gujarat Power Ltd. - Reg.**

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This has reference to your application forwarded by the Director (Environment) & Additional Secretary, Forests & Environment Department, Government of Gujarat vide letter No: ENV-10-2006-184-E, dated 14.09.2009 and your subsequent letter dated 14.12.2009 seeking amendment to the CRZ Clearance which was issued vide letter No. 11-11/2007-IA.III, dated 25.04.2007 for the above project under the CRZ Notification, 1991. The proposal has been appraised as per prescribed procedure in the light of provisions under the Coastal Regulation Zone Notification, 1991 on the basis of the mandatory documents enclosed with the application viz., the EIA, EMP etc. by Expert Appraisal Committee constituted by the competent authority in its meetings held on 21<sup>st</sup> - 23<sup>rd</sup> December, 2009.

2. The proposal is for the amendment of the CRZ Clearance for revised location of discharge channel of capacity 0.63 Mm<sup>3</sup>/hr. and clearance for coal handling system for transportation of coal from the MPSEZ port terminal point upto stock pile at Power Plant including the conveying stacking, reclaiming at the port stock yard. M/s. CGPL has submitted that M/s. Adani Power Ltd., has proposed a 2x330 MW Thermal Power Plant in the vicinity of CGPL. In order to minimize the impacts on the marine ecology and to save on costs, it is proposed by both M/s. CGPL and M/s. APL to use common intake water channel for intake of sea water being developed by MPSEZL. The location of the common intake water channel is suggested by NIO.

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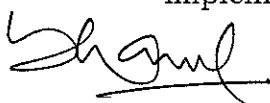
3. The location of the intake channel is required to be changed, due to the engineering reasons and this necessitated to change the location of the discharge channel to minimize the impacts on plant efficiency and marine ecology. The earlier length proposed was 23 km which is now reduced to 9.1 km. Further, for coal handling system, (Meri Go Round (MGR)) which was proposed earlier for transportation of coal from MPSEZ port up to coal stockpile at CGPL, it is envisaged that conveyor belt system for transportation of coal is more energy efficient and eco-friendly option than the MGR system. In the conveyor belt system, coal will be conveyed through conveyor belt from MPSEZ port up to stock pile at CGPL plant. The stacker cum reclaimer machine mounted on the trunk conveyor shall be used to stock the coal at Port as well as loading the coal conveyor belt.

4. M/s. CGPL has superimposed the route of the channel and other activities on the CRZ map prepared by the Space Application Centre, Ahmedabad. It is mentioned in the report of the NIO, that the portion proposed for the discharge channel falling under saline banks is devoid of mangrove vegetation. It is also added that very poor leaching of salt due to low frequency of inundation and poor rainfall result in salt encrustation of saline banks rendering them unsuitable for vegetation to grow except for stray halophytes like *Sueda maritima*. It is further mentioned that overall assessment indicates that the site proposed for the development is largely falling under the category of sea line bank devoid of mangrove.

5. The proposed activities are in the CRZ-I (ii) and CRZ III areas, wherein effluent disposal pipeline and proposed activities are permissible activities. The Gujarat SCZMA has recommended the project vide letter No. ENV-10-2006-184-E, dated 14.09.2009 for revised location of discharge channel of capacity 0.63 Mm<sup>3</sup>, having total length of the discharge channel in CRZ area, 5300 m, which includes pre-cooling channel of 1400 m length having width of 300 m, outer discharge channel of 600 m length having width of 300 m, between CRZ boundary and HTL, and 3000 m outer channel in the intertidal zone having width of 300 m and outer channel of 300 m length in subtidal area having width of 300 m.

6. The Expert Appraisal Committee, after due consideration of the relevant documents submitted and additional clarifications furnished in response to its observations, have recommended the amendment for the revised location of discharge channel. Accordingly, the Ministry hereby amend the Clearance issued earlier on 25.04.2007 for the above project as per the provisions of Coastal Regulation Zone Notification, 1991 and its subsequent amendments, subject to strict compliance of the additional terms and conditions as follows:

- (i) All other conditions shall remain same as stipulated earlier in the Clearance letter dated 25.04.2007 and shall be effectively implemented.



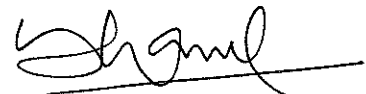
- (ii) All the conditions stipulated by Govt. of Gujarat vide letter No. ENV-10-2006-184-E, dated 14.09.2009 shall be strictly complied with.
- (iii) Regular monitoring for thermal dispersion shall be carried out and report shall be submitted to the Ministry.
- (iv) Post operation monitoring shall be carried out to study the proto model conformity and the results shall be submitted to the Ministry.
- (v) All the roads within and outside the complex shall be all weather road.
- (vi) The ambient temperature of the disposal shall reach within 500 m distance from the disposal point.

7. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

8. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

9. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

10. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.



**(Bharat Bhushan)**  
**Director (IA-III)**

09.03.2010

Copy to:

1. The Principal Secretary, Department of Forests & Environment and Chairman, GCZMA, Govt. of Gujarat, Sachivalaya, Gandhinagar, Gujarat.
2. The Director, Forests & Environment Department, Govt. of Gujarat, Block No.14, 8<sup>th</sup> Floor, Sachivalaya, Gandhinagar - 382 010.
3. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32.
4. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhinagar-382 010.
5. The Chief Conservator of Forests, Ministry of Environment and Forests, Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No. 3, Ravishankar Nagar, Bhopal-462016 (M.P.)
6. Guard File.
7. Monitoring Cell, MoEF.

  
**(Bharat Bhushan)**  
**Director (IA-III)**