

TRIPURA STATE ELECTRICITY CORPORATION LTD
(A Govt. of Tripura Enterprise)

No.F.12(21)/DGM/GTED/BRM/ 426-2A

Date 19/8/09

To,

The Director
Ministry of Environment and Forest
Paryavaran Bhavan, CGO Complex,
Lodi Road, New Delhi-110003

Kind Attn:- Dr. Sunita V. Auluck

Ref. i) No. RO-NE/E/IA/TR/GPP/7/691-92 Dated - July 09, 2009
ii) NO. 25/36/84-EN.2 dtd. 31/7/1986

Sub:- Half Yearly Compliance Report on environmental stipulations for Gas Thermal Power Station, Baramura.

Sir,


In connection with the subject and reference mentioned above Gas Thermal Power Station, Baramura of TSECL is submitting Half Yearly Compliance Report on environmental stipulations for 1X21 MW + 1X21 MW (under construction) Gas Turbine Generator plants.

For convenience of correlation of stipulations with the existing 1X21 MW unit and 1X21 MW under construction unit, a detailed background of Baramura Gas Thermal Project is submitted along with the relevant particulars.

With sincere regards.

Encl:-

- 1) Half-Yearly Compliance Report.
- 2) ANNEXURE-A (Back Ground of the Project)


Deputy General Manager,
Gas Thermal Electrical Division,
Baramura, West Tripura

Copy to.

1. PS to CMD, TSECL, Agartala, Tripura.
2. The Chairman, TSPCB, Agartala.
3. The Joint Director, North Eastern Regional Office, MoEF, Upland Road, Laitumkrah, Shilong 7990003.
4. The Director (Tech), TSECL, Tripura, Agartala.
5. The Addl. General Manager, Generation Circle, TSECL, Agartala.

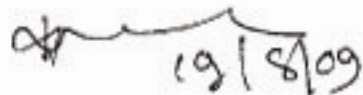

DY.GENERAL MANAGER

Environmental Clearance Compliance

HALF YEARLY COMPLIANCE REPORT

Ref:- Environment clearance No.- 25/36/84 EN.2 Dt.- 31.07.86

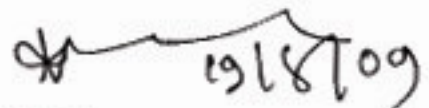
Sl. No.	Points	Compliance Status
1	Only Natural Gas should be used as feed stock.	Complied.
2	No forest land should be acquired now or subsequently.	No additional forest land was acquired and planned to be acquired after clearance of the project. Initial forest land acquired was of 77 Acre Vide forest department letter No.- F.18-3(GEN)/Part/for 83/105-111 dt 8 th July 1983
3	The workers to be engaged during construction should be provided fuel so that there is no pressure on the forest in respect of their requirement of firewood.	Complied.
4	Precautionary measures should be taken for the protection of the forest due to proposed power stations and related activities.	This is also being complied since the inception of the project. For initial forest land used, Department of Forest, Government of Tripura, was provided with funds for compensatory forestation. More than 100 m stretched of green belt is always being maintained in the surrounding vicinity of plant area. In addition to that project authority is always engaged in plantation and gardening throughout the year. Large water bodies within the project are being nurtured to provide congenial atmosphere to the forest flora and fauna.
5	Residential colony for the plant should not be located in the forest area or near the forest area.	Complied. Staff quarters are located well within the project area and away from the main forest land. No construction or other related activities taken up beyond the project boundary.
6	Transmission lines should not be routed through the forest area.	For 66 KV line, due approval from competent authority was obtained. For 132 KV line necessary permission from competent authority have been sought.
7	Necessary preventive and control measures should be taken to avoid any fire explosion hazards during the storage and use of natural gas in the plant.	Complied. ONGC supplies fuel gas through secured piping network from the well. No storage of fuel is required in the plant or around. Adequate fire protection measures and fire protection drills are carried out time to time. Fire track is maintained with utmost care. Also there were no fire hazards in the forest since establishment of the project way back in 1986.

 19/8/09

(S. A. DEB)
Sr. General Manager,
Coal Thermal Electrical Div.,
Guramara, West Tripura.

Background

1. Baramura Gas Thermal Project, initially obtained clearance from Ministry of Environment & Forest for setting up of 1X5 MW Gas Turbine Generator Plant vide No. - 25/36/84- EN - 2, Dated - 31/07/1987 (9 copy placed in file) but in course of time small units became technologically outdated and ultimately retired. So it was planned to replace old units with two 21 MW Gas Turbine Generator set. Accordingly Environmental clearance was sought from MOEF Vide letter No. - F.6(2)/CEE/97/520, dated - 06/01/98. By this time TSPCB cleared 'Consent to Establish' certificate for 2X21 MW project and after commissioning of 1X21 MW unit, also accorded Consent to Operate certificate for that unit. Also instructed TSECL to obtain Consent to Operate certificate, after Commissioning of 2nd 21 MW unit.
2. On 05/12/07 a tripartite meeting was held among representative of North Eastern Regional Office, MOEF, TSPCB and TSECL to discuss and resolve all pending issues of environmental clearance of TSECL project. Decision was taken to facilitate post-facto clearance of 2X21 MW Baramura project.
3. Afterwards it was interpreted from EIA notification Vide No.- S.O.1533(E), dated 14th Sept.2006 schedule of category B 1(d) project that plant having capacity less than 50 MW may be cleared from MOEF and was discussed with Joint Director, North Eastern Regional Office, MOEF during his visit to Agartala.
4. Now existing 1X21 MW unit of Baramura is abiding by stipulations of Consent to Operate imposed by TSPCB. Upcoming unit of 1X21 MW is also being erected as per guide line of TSPCB Consent to Establish stipulations.



DGM/GTED/Baramura