



MEGHALAYA ENERGY CORPORATION LIMITED

OFFICE OF THE CHIEF ENGINEER (C): HYDRO, PLANNING & SMALL HYDRO

Lumjingshai, Short Round Road, Shillong

☎ 0364 2591074; Tele Fax No. 0364 2591074

No. CE/C/HP&SH/T-31/Pt-I/2009/78

Dated Shillong, the 10th June, 2010.

To,

✓ The Joint Director (S),
Ministry of Environment & Forests,
NE Regional Office, Govt. of India,
Upland Road, Laitumkrah,
Shillong – 793 003
Fax : 0364 – 222 7047

Sub: **Submission of Half Yearly Compliance Report of Umiam Stage-I H.E Project (4 x 9 MW), Ri Bhoi District, Meghalaya ending 31st May, 2010.**

Kind Attn: Dr. S.C. Katiyar

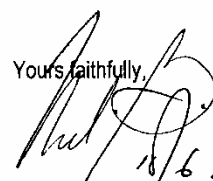
Ref: (i) No. J-12011/13/96-IA.I, dated 21st August, 1996
(ii) No. RO-NE/E/IA/ML/HEP/530-31 dated 30th May, 2007.
(iii) No. RO-NE/E/IA/ML/HEP/743-44 dated 9th July, 2009.

Sir,

In inviting a reference to the above, please find herewith a Half Yearly Compliance Report of Umiam Stage-I H.E Project (4 x 9 MW), Ri Bhoi District, Meghalaya ending 31st May, 2010 for environmental safe guards for your kind information and necessary action. It is requested that those stipulation conditions which have been complied and ended may kindly be arranged to be dropped.

Encl: As stated.

Yours faithfully,


Chief Engineer (HP & SH)

Memo No. CE/C/HP&SH/T-31/Pt-I/2009/78 (a)

Dated Shillong, the 10th June, 2010.

Copy to: -

1. Dr. Sunita V. Auluck, Director, MoEF, Paryavaran Bhavan C.G.O Complex, Lodhi Road, New Delhi – 110 003 along with reports.
2. The Director (Generation), MeECL, Shillong.
3. The Additional Chief Engineer (C), IDSHP, MeECL, Umiam.
4. The Additional Chief Engineer (Commercial), MeECL, Shillong along with a soft copy for displaying in the Me.S.E.B web sites & to e-mail to moefner@dataone.in.
5. File T-44.


CHIEF ENGINEER (C), HP & SH

**SIX MONTHLY PROGRESS REPORTS OF UMIAM STAGE-I HYDRO ELECTRIC PROJECT
(4 X 9 MW), IN RI-BHOI DISTRICT, MEGHALAYA ENDING 31ST MAY, 2010
NO. J-12011/13/96-IA.I, DT. 21ST AUGUST, 1996**

SPECIFICATION CONDITIONS	STATUS OF COMPLIANCE
i) Adequate fuel arrangements should be made for the labourers employed during construction/modernization work to avoid destruction of vegetation cover in the surrounding areas.	i) The MeECL (erstwhile MeSEB) had provided electric power supply to the labourers employed during the modernization work. The R/M work had since been completed. Thus the condition has been complied with.
ii) Proper restoration of the area should be ensured after completion of the project	ii) Since no civil work had been undertaken during the R/M work, as such restoration of the area does not arise.
iii) The project authorities should undertake periodic reservoir sedimentation monitoring studies (using hydrographic and remote sensing technique) for estimating pattern and quantity of siltation in the reservoir along with the mitigative measures and financial support from the project.	iii) The MeSEB had undertaken during the year 2004 the Hydrographic Surveys & Sedimentation Studies using high tech equipments namely DGPS, Digital Echo Sounder, Total Station with Auto Level to conduct hydrographic and topographic surveys in the water spread area and the exposed land area of the reservoir upto FRL for estimating pattern and quantity of siltation. Accordingly, the MeSEB has prepared reports for mitigative measures and Cost Estimate – namely Report of Sedimentation Studies, Report of Pollution Control Measures and Report of Watershed Management Measures. Central Water Commission in its letter vide No. 30/1/74-PA(S)/1259, dt. 17.09.2007 has given its comments that the rate of sedimentation in Umiam reservoir is not alarming for the maintenance and preservation of the health of the reservoir for the time being or near future.
iv) The project authorities should submit a note by October 1996 on reservoir storage on sedimentation/siltation and water requirement of the project, after renovation and modernization.	iv) The MeECL (erstwhile MeSEB) has submitted the Executive Summary of the project reports to the Ministry on reservoir storage on sedimentation/siltation of Umiam reservoir vide No. CE/C/HP&SH/T-44/2007/20, dt. 20 th June, 2007.
v) Financial requirements for implementation of above conditions should be work out at the project fund and detailed budget with action plan should be furnished by October, 1996 to the Ministry. The funds required should be kept in a separate account and should not be utilized for other purposes.	v) The MeECL (erstwhile MeSEB) has worked out the cost for Watershed Management Plan and Pollution Control Measures of Umiam Reservoir. For implementation of the Scheme, the MeSEB has taken up with the North Eastern Council, Indo German funding and Ministry of Water Resources for funding of the Project.
vi) Six monthly progress reports should be furnished to the Ministry and its Regional office at Shillong for review.	vi) The six monthly progress reports are being furnished regularly to the Ministry and its Regional office at Shillong for review.