



# MEGHALAYA ENERGY CORPORATION LIMITED

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

Lumjingshai, Short Round Road, Shillong

☎ 0364 2591074; Fax No. 0364 2591074

No. CE/C/HP&SH/T-34/2009/31

Dated Shillong, the 10<sup>th</sup> 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-IV H.E Project (2 x 30 MW), Nongkhyllem ending 31<sup>st</sup> May, 2010.**

Kind Attn: Dr. S.C. Katiyar

Ref: (i) No. 3/9/78-HCT/Env dated 22<sup>nd</sup> January, 1979.  
(ii) No. RO-NE/E/IA/ML/HEP/530-31 dated 30<sup>th</sup> May, 2007.  
(iii) No. RO-NE/E/IA/ML/HEP/745-46 dated 9<sup>th</sup> July, 2009.

Sir,

In inviting a reference to the above, please find herewith a Half Yearly Compliance Report of Umiam Stage-IV H.E Project (2 x 30 MW), Nongkhyllem ending 31<sup>st</sup> 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.

Encls: As stated

Yours faithfully,

  
Chief Engineer (HP & SH)

Memo No. CE/C/HP&SH/T-34/2009/31 (a)

Dated Shillong, the 10<sup>th</sup> 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 [moefer@dataone.in](mailto:moefer@dataone.in).
5. File T-44.

**SIX MONTHLY PROGRESS REPORTS OF UMIAM STAGE –IV HYDRO ELECTRIC PROJECT  
(2 X 30 MW), IN RI-BHOI DISTRICT, MEGHALAYA ENDING 31<sup>ST</sup> MAY, 2010  
NO. 3/9/78-HCT/ENV. DT. 22<sup>ND</sup> JANUARY, 1979**

| <b>ENVIRONMENTAL SAFEGUARDS</b>   | <b>STATUS OF COMPLIANCE</b>  |
|---|--|
| i) Fuel depots should be opened by the Forest Department to provide fuel wood to the labour force, free of cost during the construction period so that indiscriminate of providing fuel wood should be charged to the project for which adequate provision should be made in the project estimates.   | i) As the project area is within the vicinity of the Nongkhylllem Reserved Forest, Ri Bhoi District, due care for the stipulation had been taken during the construction stage. Thus the condition is complied with.   |
| ii) To minimize soil erosion and consequent silting of the reservoir cultivation/deforestation/grazing in the vicinity of the reservoir should be permitted. Comprehensive Afforestation programme should be launched by the Department, in collaboration with the Soil Conservation and Agriculture Department, so that sedimentation flow can be reduced. | ii) Afforestation programme has been taken up with the Range Officer, Social Forestry, Umiyam and tree samplings were planted during the month of July 2008 and further comprehensive Afforestation Programme with the concerned Departments after physically verifying the areas for afforestation from the NESAC land use/cover map of the reservoir area based on 2006-07 satellite data on 1:50,000 scale procured recently. |
| iii) Large reservoir created by this project to be utilized as a tourist spot by providing facilities for water supports, angling and other tourist attractions.  | iii) As the reservoir is inside the Nongkhylllem reserve forest land and away from the Guwahati - Shillong Road, therefore it does not attract tourists.   |
| iv) Restoration of land in the construction may be ensured to prevent erosion.  | iv) Restoration of land in the construction areas have been restored and green covers have developed around those sites. Hence the condition is complied with.   |
| v) It should be ensured that the construction of colonies for the project involves minimum possible deforestation; compensator Afforestation and social forestry should be undertaken.  | v) The Small colonies have been built for essential maintenance staff at Dam site and Power House with R.C.C Buildings. Further, there are green vegetative covers all around these colonies. Hence, the condition is complied with  |
| vi) A monitoring group should be found by the State Government, in consultation with the NCEPC, so that the suggested safeguards are implemented effectively and flow up action taken as and when necessary.  | vi) The matter has been taken up and reminded vide No. CE/C/HP&SH/T-34/2007/15 dated 31 <sup>st</sup> June, 2009 with the Monitoring Group formed by the Meghalaya State Government for monitoring these issues also. A copy of the notification No. ENV.1/2004/36 dated Shillong the 1 <sup>st</sup> September 2005 is enclosed.  |