



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

CIN:U40100KL2011SGC027424

Web site: www.kseb.in

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ABSTRACT

Developing Dam Break Model utilising in-house expertise in KSEBL – Dam Break Analysis for Poringalkuthu, Sholayar & Idamalayar Dams - Good Service Entry-Sanctioned-Orders issued.

CORPORATE OFFICE (SBU-G/C)

BO(FTD)No. 425/2020 (DGC/AEE-II/ DRIP/General/2018)Thiruvananthapuram, dtd. 22.06.2020

- Read:-
1. B.O.(FTD)No. 775/2019 (DGC/AEE-II/DRIP/General/2018) dated 22.10.2019.
 2. Note No. CE(C-DS&DRIP)/EAP-RM/EAP/2020-21 dated 23-05-2020 of the Chief Engineer(Civil -Dam Safety & DRIP)
 3. Note No. DGC/AEE-II/ DRIP/General/2018 dated 11.06.2020 of the Director(Generation - Civil) (Agenda Item No.26/6/20)

ORDER

The Chief Engineer (Civil -Dam Safety & DRIP) as per note read as 2nd above has reported that the National Committee of Dam Safety and Central Project Management Unit, Central Water Commission (CWC) were consistently insisting all the dam owners in India to prepare Emergency Action Plan(EAP) for the dams depending upon their hazard potential. As part of DRIP, the CWC has been providing technical support for the preparation of EAP for selected dams. Again, the CWC suggested that all the dam owners under DRIP should have at least a Tier-I level EAP for their dams as a first step. In response to the CWC demand, KSEBL proposed Poringalkuthu, Sholayar & Idamalayar dams for preparing higher level EAPs. The Higher level EAPs are prepared based on the inundation maps generated by developing Dam Break Model using high precision terrain data.

The CWC has provided inundation maps for all the dams of KSEBL in DRIP other than Poringalkuthu, Sholayar & Idamalayar and the special team constituted for the EAP have completed all the EAPs as and when the inundation maps were received from the CWC and got them reviewed by the CWC. The CWC had published those EAPs in their website also.

At this juncture, Sri. Mohanan P, Deputy Chief Engineer & Sri Jayakumar C R, Assistant Engineer, who are in the special team constituted as per BO read 1st above for the preparation of EAP, offered their willingness to attempt the Dam Break Modeling(DBM) and preparation of inundation maps for Poringalkuthu, Sholayar & Idamalayar dams.

With the knowledge gathered in various trainings given to them by KSEBL and interactions with eminent people in the field of Dam Break Modeling they could develop DBM and conduct Dam Break Analysis(DBA) for the Poringalkuthu, Sholayar & Idamalayar dams. The EAP documents prepared for these dams are published in the web site of the Central Water Commission.

It is also reported that developing inundation maps with in-house expertise is a great achievement to KSEBL and contribution made by the officials for completing this

of the Board for the accomplishment made by Sri. Mohanan P , Deputy Chief Engineer & Sri. Jayakumar C. R., Assistant Engineer, members in Special team for EAP & RM as recognition for the meritorious service rendered by them.

The matter was placed before the Full Time Directors as per note 3rd above. Having considered the matter in detail, the Full Time Directors in the meeting held on 18.06.2020 resolved to award Good Service Entry to Sri. Mohanan P, Deputy Chief Engineer & Sri. Jayakumar C. R, Assistant Engineer, members of special team for EAP & RM as recognition towards the meritorious service rendered by them in the preparation of Dam Break Analysis and Tier 1 EAP documents of Poringalkuthu, Sholayar and Idamalayar dams.

Orders are issued accordingly.

By Order of the Full Time Directors

Sd/-

Lekha .G

Company Secretary i/c

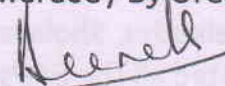
To

The Chief Engineer(Civil -Dam Safety&DRIP)
The Chief Engineer(HRM)
Sri. Mohanan P, Deputy Chief Engineer, EAP & RM
Sri. Jayakumar C. R., Assistant Engineer, R&DSO,Pallom

Copy to:

1. The Deputy Chief Engineer(R&DSO),Pallom
2. The Financial Adviser/ The Chief Internal Auditor
3. The RCAO/RAO
4. The Deputy Chief Engineer(IT)
5. TA to CMD /TA to Dir(GC) /Dir(GE&SCM) /Dir(T&SO) / Dir(D&HRM)/Dir(Plg&S)
6. PA to Dir (F) / Company Secretary i/c
7. FC Supt/ Librarian
8. Stock file / File

Forwarded / By Order



Assistant Executive Engineer