I. Inspection of Sidings of Chennai Division on 21.7.2013

CRSE/Frt./SR and SrDME/Chennai were available. Inspection of Loading/unloading facilities at various sidings were inspected.

1. NORTH CHENNAI THERMAL POWER STATION; NCTPS (AIPS)

1.1 Coal loading is done by two Traveling Wagon loaders (one of M/s TATA make and another of M/S. Ranga Engineering, Chennai). Each loader covers two lines i.e. loading of one rake on its forward movement and another rake on its return movement duly shifting loading chute available in the loader. The system is found wagon friendly (photograph at Annexure 1).

1.2 The loading time per rake of 59 wagons is around 2 ½ to 3 hours. 8 rakes are loaded per day and dispatched to Ennore Thermal Power Station (ETPS) & Mettur Dam Thermal Power Station. (MTDM). C&W staff are available round the clock for receipt/ dispatch of rakes and trouble shooting. One Electronic in motion weigh bridge is available and all the wagons/rakes are weighed before dispatch.

2. CHETTINAD INTERNATIONAL COAL YARD PVT. LTD. (CICPL) (AIPO)

2.1 Coal loading is done through a static wagon loader with swing chute. The wagon formation is drawn by a loco (owned by siding) at a regulated speed. The tonnage of coal to be loaded in every wagon is decided based on the tare weight of the wagon and fed to the programmed logic controller and the correct/measured quantity is discharged to the wagon through the chute (photograph at Annexure 1).

2.2 An average of 30 to 46 secs are taken to load a wagon. A formation is loaded in 3 to 3.5 hrs. Maximum of two rakes are being loaded per day to cater the demand of KPCC (M/s.Karnataka Power Corporation), BTPK (M/s.Bellary Thermal Power Siding and ICVL(M/s. India Cements Ltd., Vishnupuram). An Electronic in motion weigh bridge is available and wagons/rakes are weighed before dispatch.

3. ZURAI CEMENTS LTD., (ZCL) (AIPZ).

3.1 It is a cement production unit where clinker coming from Yerraguntala (parent unit) in BOXN Wagons is unloaded by wagon tippler. Maximum of two rakes are handled in a week.

3.2 The tipplers are of ELECON make, Commissioned in 2011, Angle of tipple/Rotation - 150° (Max). The Time Cycle is Tipping/forward rotation - 40 sec, Pause - 6 sec, Reverse rotation - 47 sec, Placement and removal of wagon - 80 sec, No of tips per hour - 20 wagons (photograph at Annexure 2).
4. CHENNAI PORT TRUST -CHPT- (HOM)

4.1 Loading of commodities such as Dolomite, Lime stone etc., in BOXN Wagon, is done through Payloaders (photographs at Annexure 2). Instructions contained in DTT(G)/Railway Board letter no. 2010/TT-IV/9/1 dated 8.10.12 need to be implemented to avoid damage to wagon during the process.

II Visit to C&W Workshop, Perambur on 22nd July, 2013

1. There are two wheel lathes in the Wagon Repair Shop – one HEC make whose codal life is completed and another HYT wheel lathe with two years residual life. CWM requested for sanction for replacement of the HEC wheel lathe.

2. The CTRB shop was inspected and records maintained were checked. The analysis of Hot Axles is being done using only data of S.Rly. It was suggested to CWM that the officers/supervisors should monitor their own performance (Hot axles on wagons POHed in CW/Perambur) using the All-India analysis uploaded every month on RDSO website on Railnet at 10.100.2.19/directories/wagon design.

3. Under Modernisation a new Wagon Repair shed with crane facilities is planned. A new traverser is being commissioned to handle BCN wagons. These works need to be completed early since there is a need for increase of Wagon POH capacity in CW/Perambur to cater to arisings of SR, SWR and Konkan Rly. (the present outturn is sufficient only for arisings of SR and Konkan Rly.).

Encl: as above

(Ashish Agrawal)
Ex. Dir. ME (Freight)

No. 2011/M(N)/951/20 dated: 23.9.13

Copy to:
1. AM/PU and AM/ME for kind information.
2. All CMEs/ Zonal Railways
3. EDME/W
4. EDW(Wagon)/RDSO
5. DME/Freight
(1) North Central Thermal Power Station (Travelling Wagon Loader)

(2) Chettinad International Coal Yard Pvt. Ltd. (Static Wagon Loader)
(3) Zurari Cements Ltd. (Tippler)

(4) Chennai Port trust (Pay Loader):