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TECHNICAL CIRCULAR NO. 30

No. EL /3.1.3

Dated 03.09.98

Address: As per distribution list attached.

Sub: Modification in the Trouble Shooting Instructions to Driver

Ref: RDSO's Modification Sheet No. RDSO/WAM4/207 Dated 29.5.98

RDSO had issued modification under reference above to avoid flashover on the DJ normally open auxiliary contact feeding Q100 relay and EM contactors and to avoid 'All auxiliaries not working' cases due to malfunctioning of time delay N/O auxiliary contact of C118 contactor. Some of the Railways have reported instructions to put off BLVMT, BLCP and BLPV while negotiating the neutral section do not exist universally on all the Railways. Therefore if Q100 is in wedged condition and driver does not put off loco auxiliaries then there is chance of overloading of ARNo. To avoid such case, Trouble Shooting instructions to the driver may be suitable amended as follows:

- i) Whenever Q100 relay is wedged, before closing of DJ please ensure that BLCP, BLPV and BLVMT are in 'Off' position.
- ii) If Q100 is in wedged condition then, while negotiating the neutral section, BLCP, BLPV and BLVMT switches should be put 'Off' after opening the DJ and they should be put on with 5 secs. delay, only after DJ is closed.

Encl: As above

(O.H. Pande)
for Director General/Elect.