

- ii) All Senior Supervisors and Officers of the Tr.D branch should also keep the TPC informed of their movements. These instructions also apply to other key personnel.
- h) Action by OHE/PSI Depot in-charge:** The OHE/PSI depot in-charge on receipt of weather/cyclone warning shall be in a state of readiness to meet any emergency for arranging emergency staff to be vigilant and be available in headquarters. They shall be in readiness to move at a short notice.
Break Down vehicles i.e. Tower Car, Wiring Train, Lorries and all break down tools, shackle and ladders, generator set, portable flood lights etc., shall be kept ready for movement at any instant.
OHE material like conductors, insulators, fittings shall be kept ready.
- i) Electrical general services wing of the division shall ensure the following to be in readiness:**
 - a) Sufficient stock of fuel available to run available DG set for 24 hrs.
 - b) At least 2 portable DG sets at each depot in good condition.
 - c) 4 Nos. of portable weather proof tents including requirement of Electrical and S&T staff.
 - d) List of contractors capable of providing DG sets with operators at site and their telephone numbers and arrangements for deployment at short notice.
 - e) The Chief Controller, Vijayawada Division S.C.Railway, Vijayawada and Chief Controller, Central Control, Rail Nilayam, Secunderabad-500071 are the two nominated officers to whom the above warnings are issued by the Cyclone Warning Centre, Visakhapatnam.

1.4 Flood Warning:

FLOOD WARNING INDICATOR: Flood warning devices have been installed on trail basis at some of the bridges. Two types of devices are installed as follows:

a) GSM based device:

- i. Once the flood water level reaches the danger mark, the device sends an SMS warning message to the cell phone kept at Station Master's room and activates the signals installed at the bridge approach into 'ON' position.
- ii. The Loco Pilot of the approaching train should stop the train at the signals in 'ON' position. He shall restart his train only after getting clearance from the concerned SE/JE/P.Way at the site.

b) VHF based device:

- i. Once the flood water level reaches the danger mark, the device sends an audio-visual indication (by giving beep sound) to the Station Master room and activates the signals installed at the bridge approach into 'ON' position.
- ii. The Loco Pilot/Assistant Loco pilot of the approaching train should stop the train at the signals in 'ON' position. He shall restart his train only after getting clearance from the concerned SE/JE/P.Way at the site.

c) Station Master and concerned staff shall take the following action:

Once the Station Master receives the message from the flood warning device, he should stop immediately the approaching train and inform adjacent Station Masters and concerned JE/SE/SSE/P.Way to take precautionary measures till such time he gets clearance from JE/SE/SSE/P.Way for safe passage of trains.

- d)** As soon as SE/JE P.way receives the message, he should visit the site and assess the situation and regulate the traffic. He should post temporary Watchmen until the flood water recedes. He should inform the adjacent Station

Master regarding the condition of flood and whether train movement can take place or not.

1.5 Danger to track and bridges due to Railway Affecting Tanks:

As soon as message is received from State Govt. Officials i.e. from Village Servant / Village Assistant, Panchayat Secretaries / Assistant Panchayat Secretaries or any other general public by Station Master and officials concerned regarding the endangering of Railway Affecting Tank, the following action should be taken:

a) The Station Master on receipt of information regarding the danger to track or bridge due to RAT should stop immediately the approaching train and inform the concerned SE/JE P.Way and the adjacent Station Master for necessary action.

b) The sectional JE/SE P.Way in-charge should immediately proceed to the site and assess the situation and post a stationary Watchman until the flood recedes. He should inform the adjacent Station Master regarding the condition of flood and whether train movement can take place or not.

1.6 Action to be taken in the event of the East Coast being threatened by Cyclonic storms: Receipt and Transmission of Messages :

(a) The Cyclone Warning Centre, Visakhapatnam will give adverse weather warning messages on depressions, cyclonic storms coming from Bay of Bengal when the storms are still at sea for the coastal area of Andhra Pradesh.

(b) The Cyclone Warnings will be issued in two stages. The **first stage warning** cyclone alert is issued as soon as the cyclonic storm is located at such a distance from the coast that it is expected to cause bad weather over the coast during the next 48 hrs.

(c) This is followed by **second stage warning** (cyclone warning) message when there is actual threat of cyclone over the area.

(d) Subsequently also messages giving the latest cyclonic situation are issued by the Cyclone Warning Centre till the danger to the area is over.

(e) Weather bulletins issued by the Cyclone Warning Centre are broadcast daily as a routine from the All India Radio Stations. In storm situation special weather bulletins are broadcast repeatedly at non-scheduled time also.

1.6.1 On Receipt of first stage warning message regarding Depression / Cyclonic Storms.:

a) The Chief Controller, Central Control, Rail Nilayam, Secunderabad should be alert and take immediate action as laid down in para 1.3(a), above. He should also intimate the cyclone warning and alert the Chief Controller/SC Division/SC and GTL Division /GTL, in case the cyclone is expected to pass over their divisions.

b) The Chief Controller, Vijayawada should be alert and take immediate action as laid down in para1.3(b)..

c) The following Engineering dept. Officers of BZA division shall proceed and be available at stations indicated below:

CGE (shall proceed to BZA depending on the severity of the situation at his discretion)

Sr.DEN(South)/ BZA..... BTTR

Sr.DEN(Central)/ BZA BPP

DEN/E/BZA BVRM

Sr.DEN(North)/BZA SLO

Sr.DEN/Co-ord/GNT GNT

d) The ADENs will be in their respective headquarters. Their further movement when the effect of cyclone is felt ,will be left to their discretion, depending upon the needs of the situation and they will be guided in this respect by the CGE who will be directing the operations from Vijayawada or from Secunderabad through Sr.DEN/Co-ord/BZA.