

7. Measures Taken for Full-Fledged Recovery

- In order to work towards the full-fledged recovery and restoration of communications networks, NTT is relocating exchange offices in the tsunami area to higher ground and relay transmission lines underground below waterways, switching exchange offices in the nuclear power plant area to different buildings and reconstructing relay transmission lines.
- Further, NTT is strengthening its measures in the entire eastern Japan area to bolster electric power facilities, implementing waterproofing, and is improving its backup plans for rapid recovery in the event of a disaster.

Initiatives in Tsunami Areas

■ Relocation of exchange offices to higher ground

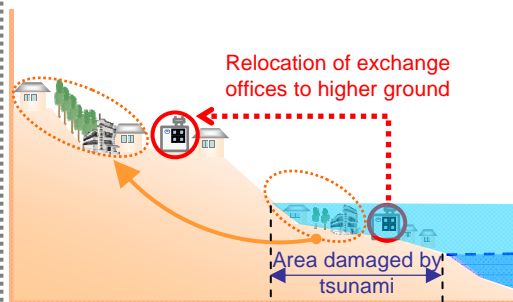
Buildings subject to relocation to higher ground include exchange offices destroyed or washed away by tsunami, buildings impacted by land subsidence or flooded by high waves, for which maintenance and preservation of telecommunications equipment are difficult, and buildings with temporary boxes installed because the switching stations were washed away (19 buildings*)

*Local recovery plans and the wishes of local governments were taken into account when deciding which buildings would be relocated.

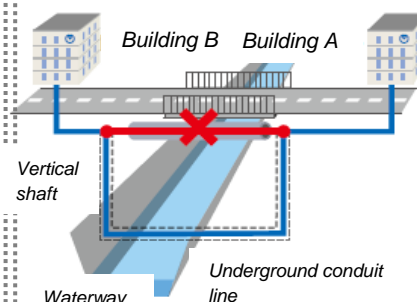
■ Relocating relay transmission lines underground below waterways

Build relay transmission lines (9 areas) by newly constructing conduit lines underground below waterways for cables that were washed away and disconnected in bridge areas.

Relocation of exchange office to higher ground (image)



Relocating relay transmission lines underground below waterways



Initiatives in Nuclear Power Plant Areas

■ Switching exchange offices

Of the exchange offices in the Iwaki Tomioka building, 4 offices outside the evacuation zone (20 km radius) were switched to the Iwaki exchange office (transfer of parent station functions).

■ Rebuilding relay transmission lines

Due to the difficulty of maintenance within the evacuation zone, an alternate inland route for relay transmission lines was rebuilt to provide stable communications services.

