



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
पावर कम्युनिकेशन डवलपमेंट प्रभाग
Power Communication Development Division

No. CEA/PCD/PTCC/MRA- 1132/ 182-184

Date:14/02/2019

Divisional Engineer (PTCC), Inspection Circle,
Bharat Sanchar Nigam Limited (BSNL),
3rd Floor, D-Wing, BSNL Admin Building
Juhu Tara Road, Santacruz (West)
Mumbai (Maharashtra)-400054

Subject: PTCC Route Approval for 220kV Borivali (MSETCL)-Aarey(R-INFRA) D/C underground cable.

Ref: i) BSNL Letter No. IC/MBI/PTCC/MRA-2334, Dated-3/01/2018.
ii) Western Railway Letter No. SG158/28/9/304 Dated 04/01/2018.
iii) Defense letter No. B/46937/Sig 7(b)/942 Dated 20/02/2018

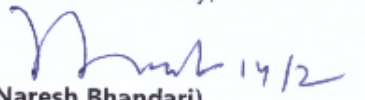
Sir,

The low frequency induction on BSNL and Railway Telecommunication circuits as per details furnished vide above cited references (i) and (ii) respectively has been examined. The Average Soil Resistivity value has been taken as 100,000 Ohms-cm, as per data submitted by Power Authority i.e M/s Reliance Infrastructure Limited. Voltages likely to be induced on paralleling BSNL and Railway Telecommunication circuits under single line to ground fault condition are enclosed at Annex-I & II respectively. The screening factors as applicable have been considered. Vide ref. (iii) above, Defense Authority have issued No Objection Certificate (NOC) (enclosed as Annex – III).

Taking above into consideration, kindly take necessary action regarding issue of PTCC route approval.

Encl: As above

Yours faithfully,


(Naresh Bhandari)
Chief Engineer

Copy to:

1. GM (S&T), Western Railway, Office of CSTE, S&T Dept., 5th Floor, Station Building, Churchgate, CST Mumbai-400020 (Annexure-II only)
2. Asst. Vice President, Reliance Infrastructure Limited, Mumbai Transmission, 220kV Aarey EHV Sub-Station, Off Jogeshwari Vikhroli Link Road, Opp. SEEPZ gate No.3, Opp. Unit No.19, Aarey Colony, Goregaon(East), Mumbai-400 065

MRA - 1132

ANNEX-III

Tele : 23019746

Directorate General of Signals
Signals 7
General Staff Branch
Integrated HQ of MoD, (Army)
DHQ PO, New Delhi - 110011


B/46937/Sigs 7(b)/942/

20 Feb 2018

Asst Vice President
Reliance Infrastructure Ltd Mumbai Transmission,
Jogeshwari Vikhroli Link Road
Opp SEEPZ Gate No.3
Opp Unit No 19, Aarey Colony
Goregaon (East), Mumbai - 400065

**220 KV D/C UNDERGROUND CABLE LINE BETWEEN MSETCL
BORIVALI EHV SUBSTATION TO 220KV RINFRA -T AAREY EHV
SUBSTATION**

1. Reference your letter No TCC/SPB/AABO/2017-18/11/30 dt 04 Jan 2018.
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheets received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.


(Nainee Sharma)
Lt Col
GSO 1 (Comn)
for SO-in-C

Copy to :-

✓ The Director (PTCC)
CEA, Telecom Division, NRPC Complex
18-A Shaheed Jeet Singh Marg
Katwaria Sarai, New Delhi - 110016

- For information.

