

PUBLIC UTILITIES COMMISSION

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January 17, 2018

Ms. Grace Crunican
General Manager
Bay Area Rapid Transit District
300 Lakeside Drive, 23rd Floor
P.O. Box 12688
Oakland, CA 94612-2688

Subject: Bay Area Rapid Transit District (BART) New Vehicle Procurement Project: Interim Safety and Security Certification Verification Report Dated October 30, 2017; and Request Letter of January 12, 2018, to place D-Cars: No. 3001, 3002, 3003, 3004 and E-Cars: No. 4001, 4002, 4003, 4004, 4005, and 4006 into Revenue Service

Dear Ms. Crunican:

This letter is to acknowledge receipt of your letter of January 12, 2018, letter indicating a successful outcome for the train test run conducted January 9, 2018, with Commission Staff, requesting Commission Staff (staff) approval to allow these specific new BART cars into revenue service. It follows along BART's submitted interim Safety and Security Certification Verification Report (SSCVR) dated October 30, 2017, which indicates the completion of testing and verification of all certifiable elements for specific D-Cars: 3001, 3002, 3003, 3004 and E-Cars: 4001, 4002, 4003, 4004, 4005, and 4006, and follows as well as the failed test run of November 3, 2017.

The Conformance Certificates were submitted to staff as required by the Safety and Security Certification Plan (SSCP) for the BART New Vehicle Procurement Project. Staff has reviewed the SSCVR documentation, witnessed testing, provided questions and comments regarding certain tests and processes, and ultimately confirmed completion of certifiable elements as required in the SSCP for the BART New Vehicle Project. Additionally, staff is satisfied as well with the testing of the new vehicle ten car consist conducted on January 9, 2018.

In addition to the punchlist of non-safety related open items we identified the following two concerns:

- 1) Correct the chime sounding over the start of the emergency announcement over Public Address system; and
- 2) Resolve the issues regarding frequency of use of the cab window locks and either repair or replace the latches on the Operators windows in order to be able to assure when Operators lock the windows, they remain rigorously locked.

Please address these two additional items and provide monthly updates of the non-safety related open items in the final punchlist, until the items are closed.

Please consider this letter an approval to operate the new ten car consist in revenue service which includes D-Cars: 3001, 3002, 3003, 3004 and E-Cars: 4001, 4002, 4003, 4004, 4005, and 4006.

For the future fleet to be manufactured, CPUC understands that tests 9001 (mechanical – one car), 9002 (brakes and propulsion –one car), and 9004 (automatic train control) using a 3 car consist on test track shall be conducted.

Additionally, given the experience on the first group of cars, for the next ten cars readied for service, CPUC will require that ten car consist be tested with no passengers in revenue service through the entire system, as was done on the test run of January 9, 2018. This test should be coordinated with CPUC Staff and conducted prior to seeking authorization for placing those cars into revenue service.

In accordance with resolution ST-150, at the conclusion of the project a Final Safety and Security Certification Verification Report demonstrating completion of the project and compliance with all elements of the Safety and Security Certification Plan for the BART New Vehicle Project must be submitted to the Director of the Commission's Safety and Enforcement Division for final approval and to document the completion of the project.

Thank you and your personnel who have been instrumental in the completion of the Safety and Security Certification Plan requirements during BART New Vehicle Project operational and functional tests. Congratulations on achieving this milestone.

Sincerely,



Elizaveta Malashenko, Director
Safety and Enforcement Division

CC: Paul Oversier – BART
Jeff Lau – BART
Mark Chan – BART
Jason Eng – BART
John Garnham – BART
Charles Simon – BART
Roger Clugston – CPUC
Daren Gilbert – CPUC
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