

APPENDIX B
EEC APPROVAL LETTERS FOR BUFFER RAILCAR (SINGLE-CAR TEST)

Ron Hynes
Assistant Vice President
Technical Services



**ASSOCIATION OF AMERICAN
RAILROADS**

Transmitted via email

Nichole Fimple
Executive Director
Rules and Standards

August 30, 2021
File 209.240

Subject: AAR Standard S-2043 Single Car Test Approval of DOE Atlas Railcar Design Project Buffer Car

Patrick Schwab
Nuclear Engineer
U.S. Department of Energy, Office of Nuclear Energy
19901 Germantown Road
Germantown, MD 20874

Dear Mr. Schwab:

The AAR Equipment Engineering Committee (EEC) has completed their review of the Single Car Test results of the DOE Atlas Railcar Design Project Buffer Car submitted in TTCI Certification Report P-20-032, and of the Expert Review of the same report conducted by Objective Engineers, Inc. The EEC hereby approves the Buffer Car Single Car Test results based on satisfactory completion/results of the following sections of S-2043:

1. Paragraph 5.1 Vehicle Characterization
2. Paragraph 5.2 Nonstructural Static Tests
3. Paragraph 5.3 Static Brake Tests
4. Paragraph 5.4 Structural Tests
5. Paragraph 5.5 Dynamic Tests

The buffer car is now approved to proceed to the Multiple-Car Test phase of Standard S-2043.

If you have any questions please contact Mr. Jon Hannafious of our Transportation Technology Center, Inc., subsidiary at (719) 584-0682.

Sincerely,

Nichole Fimple

NF/jsh

cc: Equipment Engineering Committee
MaryClara Jones, TTCI