

NATIONAL TRANSPORTATION SAFETY BOARD Investigative Hearing



Washington Metropolitan Area Transit Authority Metrorail train 302 that encountered heavy smoke in the tunnel between the L'Enfant Plaza Station and the Potomac River Bridge on January 12, 2015

Agency / Organization

Title



Tri-State Oversight Committee Rail Safety & Security Oversight

Quarterly Update to WMATA Board of Directors

April 24, 2014







Topics of Presentation

- Accident/Incident Investigation Reviews
- Corrective Action Plan Progress
- TOC Oversight of the Silver Line
- General Safety Certification Oversight
- Recent Triennial Safety and Security Reviews
- TOC Program Standard and Procedures Revision
- TOC-WMATA Partnering Session







Accidents/Incidents/Hazards

- TOC and SAFE now meeting monthly to discuss accident investigations
- Official adoption of investigations has improved:
 - From Jan. 5 to April 9: 9 were closed, 18 were added
 - From Oct. 5 to Jan. 4: 5 were closed, 17 were added







Corrective Action Plans

- As of April 7, there are 106 open safety-related CAPs and 16 MTPD CAPs
 - Many new CAPs added as a result of internal and external audits, accident investigations
 - The TOC does not view a large number of CAPs as negative as long as each item is being implemented in accordance with the stated plan
 - WMATA has consistently provided closure documentation for TOC review





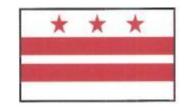


TOC Oversight of the Silver Line

- Silver Line Pre-Revenue Service Review
 - TOC described to the Board in December the objectives for its independent Pre-Revenue Service Review (PRSR), which must be conducted for major system extensions
 - The PRSR will begin within 10 days after WMATA's Operational Readiness Date, to be determined.
 - The PRSR will involve documentation review, interviews with key personnel, and field observations





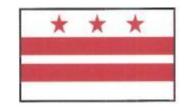


TOC Oversight of the Silver Line

- Silver Line Pre-Revenue Service
 - The TOC has provided assessment checklists to WMATA and MWAA so they are prepared for topics of review.
 - WMATA has provided the TOC with several hundred documents to examine in preparation for the review.
 - Parts of the review will be conducted alongside FTA representatives to ensure all parties are aware of remaining action items.







TOC Oversight of Safety Certification

- The TOC is reviewing safety certification reports and documentation as part of its Silver Line oversight
- The TOC is also increasing its role in overseeing WMATA's safety certification of other projects
 - i.e. Greenbelt test track for 7000-series railcar testing
- The TOC has been participating in WMATA's Safety Certification Review Committee meetings and is a member of the committee.





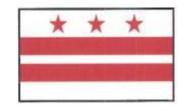


Triennial Reviews

- Roadway Worker Protection
 - On December 31, 2013, the FTA issued an advisory requiring all State Safety Oversight agencies to perform comprehensive reviews of each transit agency's roadway worker protection (RWP) program.
 - This request was in response to multiple RWP-related incidents at rail transit systems in the United States.
 - The TOC's review took place in mid-February and served the dual purpose of fulfilling the RWP element of TOC's three-year safety review of WMATA.







Triennial Reviews

- Roadway Worker Protection
 - The TOC performed on-site reviews at WMATA and completed an FTA-issued 64-item checklist.
 - The TOC issued 19 findings with associated recommendations for improvements to the RWP program. WMATA has conducted a hazard analysis to determine further actions necessary, for submission to the FTA.
 - The TOC has provided comments for WMATA incorporation into the final analysis before it is due to the FTA on May 16.







Triennial Reviews

- Security
 - The TOC published its final report in February from its triennial review of basic security and emergency preparedness initiatives. The next step is for MTPD to develop Corrective Action Plans.
- Future Reviews
 - The next triennial safety and security reviews will occur after the Silver Line opens







TOC Program Standard Revisions

- The TOC has revised its Program Standard and Procedures document, which governs WMATA safety and security requirements.
- The primary change in this edition was to make clear that certain requirements apply to MWAA; this includes accident investigation reporting.
- The updates also clarify existing expectations regarding current practices and responsibilities
- WMATA and MWAA received a chance to comment on the revisions; TOC will consider these comments for incorporation into the final version.







TOC-WMATA Partnering Session

- On January 30, TOC and WMATA SAFE personnel attended a partnering workshop.
- This session was intended to help strengthen the working relationship between the two organizations.
- TOC and WMATA participants shared valuable insights into one another's roles and responsibilities.







Focus Areas for Next Quarter

- Silver Line Phase 1 Pre-Revenue Service Review
- Additional focus on Safety Certification of WMATA Projects
- WMATA's Hazard Management Program
- Continue TOC's routine work activities







Questions and Comments

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