

July 28, 2011

Mr. Paul J. Kurzanski  
Director, Environmental Remediation  
CSX Transportation, Inc.  
500 Water Street, J-275  
Jacksonville, FL 32202-4423

SUBJECT: COMPLETION OF RADIOLOGICAL SURVEY ACTIVITIES AT CSX  
TRANSPORTATION PROPERTY NEAR INKSTER ROAD IN LIVONIA,  
MICHIGAN

Dear Mr. Kurzanski:

We are providing the results of our investigation into the potential contamination at the CSX Transportation (CSXT) property in Livonia, Michigan. In that regard, we want to thank you for your cooperation during our recent onsite survey work.

In 1997, U.S. Nuclear Regulatory Commission (NRC) inspectors performed a limited independent radiation survey of the CSXT right-of-way adjacent to the AAR Manufacturing, Inc. (Docket No.: 040-00235) site which was previously owned by Brooks & Perkins, Inc., a former licensee of the NRC's predecessor agency, the U.S. Atomic Energy Commission. The NRC inspectors indicated that some residual radioactive material may have spread from the AAR site onto the CSXT property.

After evaluating the existing data for the CSXT property, the NRC staff decided to have the NRC's independent survey contractor, Oak Ridge Institute for Science and Education (ORISE), perform confirmatory surveys of the CSXT property. ORISE performed the field survey on September 20–21, 2010. In accordance with the survey plan, gamma surface scans and soil sampling were performed of the CSXT property.

Based on the survey and sampling results, as well as a site specific, all-pathways analysis of the potential doses to the public from the residual radioactivity at the site, it was determined that contamination on the CSXT property would result in doses well below NRC's criteria for unrestricted use. Therefore the NRC staff concludes that no further action is needed by CSXT. NRC will not require remediation activities at the site unless new information demonstrates that the criteria in 10 CFR Part 20, Subpart E, "Radiological Criteria for License Termination," are not being met and residual radioactivity at the site could result in a significant threat to public health and safety. The staff's review of the final radiological status of the CSXT property is documented in a Safety Evaluation Report, which is enclosed.

In accordance with NRC's regulations at 10 CFR 2.390, "Rules of General Applicability," a copy of this letter will be available electronically in the NRC Library or from the Publicly Available Records System (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

P. Kurzanski

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If you have any questions please contact Steve Giebel at 301-415-5526 or Duane Schmidt, at 301-415-6919.

Sincerely,

**/RA/**

Keith I. McConnell, Deputy Director  
Decommissioning & Uranium Recovery  
Licensing Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Enclosure:  
CSXT Safety Evaluation Report

Docket No.: 040-00235  
License No.: STB-0362 (terminated)

cc w/enclosure:  
AAR service list  
Terri Rubis, Arcadis

P. Kurzanski

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<b>DATE</b>	05/26/11	05/24/11	05/28/11	06/29/11	7/28/11

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