

U.S. NUCLEAR REGULATORY COMMISSION**Date:**

08/02/2012

TELEPHONE CONVERSATION RECORD**Mail Control
or Report No(s).****License No(s).**

52-19845-01

Docket No(s).

03019320

Name of Licensee:

Better Roads Asphalt Corporation

Name of Participant(s):Maria Cordero, Radiation Safety Officer
David Rhoe, Consultant
Randolph Ragland, NRC Region I
787-760-1094**Telephone No.****Subject:**

Better Roads Asphalt Corporation Follow-up to Event 48150

(NOTE: This will be used as the
Documents Title in ADAMS)

I contacted Maria Cordero by telephone to obtain a summary of the status of Event No. 48150. Ms. Cordero reported the following: On August 1, 2012, at approximately 11:45 a.m., on Puerto Rico Highway 976, near Fajardo, PR, a Better Roads Asphalt Corporation employee (authorized gauge user (AU)) was using a MC-1 DRP CPN portable density gauge, containing ~10 mCi of Cs-137 and ~50 mCi Am-241 for density measurements. During the course of work, a nearby asphalt roller operator shifted into reverse and started to backup. The AU attempted to get the roller operator's attention but was unsuccessful. The roller contacted the gauge and damaged the plastic exterior of the case but did not crush the gauge. At the time of the event, the source rod was fully retracted in a shielded position. Work was immediately stopped and emergency procedures were followed. The AU contacted the RSO and the RSO contacted a consultant and the Puerto Rico Department of Health. The Consultant inspected and surveyed the gauge. Results showed that the source, source shield, and electronics were intact and that only the exterior plastic cover of the gauge appeared to be damaged. The gauge was placed into a shipping container for transport back to Better Roads Asphalt Corporation's office. Radiation surveys showed no contamination in the road and a leak test survey evaluated by the consultant showed no source leakage. The licensee shipped the gauge back to their office and placed the device in secure storage. The RSO plans to ship the gauge to Instrotek for repair. Ms Cordero stated that she will submit a event summary to NRC although it does not appear that this event is required to be reported to NRC as per 10 CFR 30.50(b)(2), because the source is properly shielded. Ms. Cordero stated that further reviews will be performed to investigate the root causes and to identify preventative actions.

Action Required: Ms. Cordero will submit an event summary to NRC**Document Availability:**☒**Publicly Available**☐**Non-Publicly Available**☒**Non-Sensitive**☐**Non-Sensitive Copyright**☐**Sensitive- Proprietary**☐**Sensitive – Privacy Act/ PII**☐**Sensitive – Internal**☐**Sensitive – Security-Related**☐**Immediate Release****Normal Release Date:****Delayed Release Date:****SUNSI Review Completed By:**

R. Ragland

08/2/2012

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