



Region I Office  
Division of Nuclear Materials Safety  
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## Telephone Conversation Record

Date: October 16, 2014

License No.: 52-31329-01

Docket No.(no hyphens): 03037814

Mail Control/Report No.: 585015

Licensee Name: HR Asphalt, Inc.

Participant(s) Name/Title: David Rhoe/Consultant

Work Telephone No.: 787-245-7248

Business Cellphone No.: None

NRC Representative Name/Title: Steven R. Courtemanche/Health Physicist

Subject: Content of Leak Test Records

*(This is the title that will be used in ADAMS)*

Discussion: (15:00; 10/15/2014) I left a message for Mr. Rhoe to return my call regarding the leak test results for HR Asphalt, Inc. (16:15) Mr. Rhoe returned my call while I was not in the office. (08:15; 10/16/2014) I spoke with Mr. Rhoe concerning his records of leak tests of radioactive sealed sources possessed by HR Asphalt, Inc. I explained to Mr. Rhoe that the way the record was set up was confusing to me. Mr. Rhoe stated that the top half of the record involved the sealed sources which he used to determine the Minimum Detectable Activity for the machine he uses to analyze wipes. The machine is set up to measure all of the energies of any gammas emitted on the sample (open window). There were no recorded peaks therefore the wipe samples were deemed clean or had removable contamination not exceeding 0.005 microcuries of radioactive material. I suggested that Mr. Rhoe add a statement that the test was performed with an open window and that he include the isotope of the sealed source being tested. The way the record was set up made it appear to me that the gauge being tested contained americium-241 and cesium-137 sealed sources. The gauge being tested had only a radium-226 source. Mr. Rhoe stated that he believed that by placing the manufacturer's name and model number on the certificate, the isotope in the gauge could be determined. He further stated that the suggestion appeared to be easily implemented and he would add it to future leak test certificates.

Action Required: Document for Termination Request

**SUNSI REVIEW**

**Document Availability:**  Public or  Non-Public

**Document Sensitivity:**

*(select "1" value to the right)*

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SUNSI Review Completed by: Steven R. Courtemanche