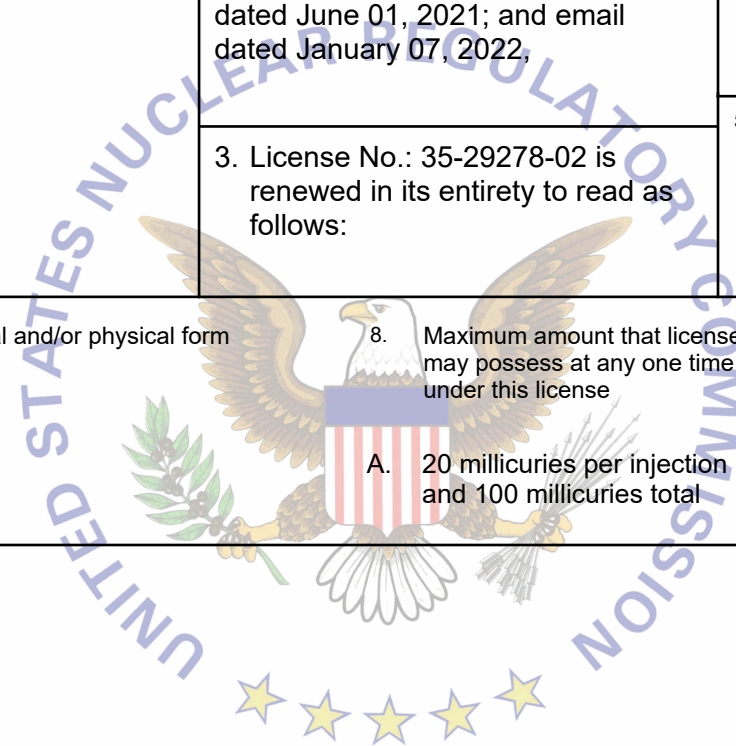


**MATERIALS LICENSE**

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70 and 71, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Associated Wire Line Services, Inc.</p> <p>2. P.O. Box 906 Healdton, OK 73438</p>		<p>In accordance with application dated June 01, 2021; and email dated January 07, 2022,</p>	<p>4. Expiration Date: January 31, 2037</p>
		<p>3. License No.: 35-29278-02 is renewed in its entirety to read as follows:</p>	<p>5. Docket No.: 030-37581 Reference No.:</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Iodine-131</p>	<p>7. Chemical and/or physical form</p> <p>A. Liquid</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 20 millicuries per injection and 100 millicuries total</p>	<p>9. Authorized use</p> <p>A. For use in determining fluid channel locations and for conducting tracer studies in oil and gas wells.</p>



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.: 35-29278-02

Docket or Reference No.:  
030-37581

Amendment No. 2

**CONDITIONS**

10. Licensed material may be used or stored at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States. If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction should be obtained from the appropriate state regulatory agency.
11. Licensed material shall only be used by, or under the supervision and in the physical presence of the Radiation Safety Officer, or individuals who have been trained in accordance with the application dated June 1, 2021 and email dated January 7, 2022 (with attachments). The licensee shall maintain records of individuals designated as logging supervisor(s) and logging assistant(s).
12. The Radiation Safety Officer (RSO) for this license is Merle Callis.
13. The licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal in ordinary trash provided:
  - A. Before disposal as ordinary trash, the waste shall be surveyed at the container surface with the appropriate survey instrument set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee.
  - B. A record of each such disposal permitted under this license condition shall be retained for 3 years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.: 35-29278-02

Docket or Reference No.:  
030-37581

Amendment No. 2

14. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those statements, representations, and procedures that are required to be submitted in accordance with the regulations. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence impose on the licensee requirements that are more restrictive than or in addition to the regulations.
- A. Application dated June 1, 2021 (ML21216A260)
  - B. Email dated January 7, 2022 (with attachments) (ML22007A155).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: January 18, 2022By: \_\_\_\_\_  
Casey Alldredge  
Region 4