

UNITED STATES  
ATOMIC ENERGY COMMISSION

**SOURCE MATERIAL LICENSE**

Pursuant to the Atomic Energy Act of 1954, and Title 10, Code of Federal Regulations, Chapter 1, Part 40, "Licensing of Source Material," and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, possess and import the source material designated below; to use such material for the purpose(s) and at the place(s) designated below; and to deliver or transfer such material to persons authorized to receive it in accordance with the regulations in said Part. This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954 and is subject to all applicable rules, regulations, and orders of the Atomic Energy Commission, now or hereafter in effect, including Title 10, Code of Federal Regulations, Chapter 1, Part 20, "Standards for Protection Against Radiation," and to any conditions specified below.

Licensee		3. License No.
1. Name	Petrotomics Company	SUA-551, as renewed
2. Address	P. O. Drawer 2450 Casper, Wyoming	4. Expiration Date May 31, 1966
		5. Docket No. 40-6659
6. Source Material  Uranium	7. Maximum quantity of source material which licensee may possess at any one time under this license  Unlimited	

**CONDITIONS**

8. Authorized use (Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.)  
For processing uranium ore in accordance with the procedures described in the licensee's applications dated October 10, 1961; January 12, and February 14, 1962; and February 21, March 25 and April 22, 1963.
9. Authorized Place of Use: The licensee's facility located at Shirley Basin, Wyoming.
10. The licensee is hereby exempt from the requirements of Section 20.203(e)(2) and 20.203(f)(2), 10 CFR 20, for areas and containers within the mill provided all entrances to the mill are conspicuously posted in accordance with Section 20.203(e)(2) and with the words, "Any area or container within this mill may contain radioactive material".

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Supplementary Sheet

License Number SUA-551, as  
renewed

11. The licensee shall immediately notify the Director, Region IV, Division of Compliance, USAEC, Denver, Colorado, by telephone and telegraph of any failure in an earth dam retention system which results in a release of radioactive materials into unrestricted areas. This requirement is in addition to the requirements of 10 CFR 20.
12. For the purpose of complying with Section 20.103(b), 10 CFR 20, the limits given in Appendix B, Table I, of this part may be deemed to apply to the exposures to the concentrations specified for 80 hours in any period of 14 consecutive days. In any such period where the number of hours of exposure is less than 80 hours, the limits specified in the Table may be increased proportionately. In any such period where the number of hours of exposure is greater than 80 hours, the limits specified in the Table shall be decreased proportionately.
13. The licensee shall determine concentrations of natural uranium, thorium-230 and radium-226 in mill water sources used for potable or culinary purposes at intervals not to exceed one (1) month.

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Date \_\_\_\_\_

For the U. S. Atomic Energy Commission

by \_\_\_\_\_

Division of Licensing and Regulation  
Washington 25, D. C.