

GREAT GUNS

Suite 1620 KSB&T Building
125 N. Market
Wichita, KS. 67202
(316) 264-2613

RECEIVED

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December 22, 1981

U.S. NUCLEAR REG.
COMMISSION
MAIL SECTION

U.S. Nuclear Regulatory Commission
Division of Fuel Cycle & Material Safety
Washington, D.C. 20555

Applicant	11422
Check no.	\$110/SA
Amount	Amendment
Type of	1/6/82
Date	Brown
Received by	

Attn: Mr. Paul R. Guinn
Materials Licensing Branch

Re: NRC License No. 35-19213-01

Dear Mr. Guinn:

Great Guns, Inc. has been growing at a fast pace primarily by purchasing existing well logging companies and their assets. We have added several new locations in the State of Oklahoma this year which are covered under the above radioactive material license.

We have amended our licenses for the States of Kansas and Nebraska and now request amendment to the above license to name all of our radioactive sources in the event we need to cross utilize them between stations. We also want to add Iodine 131 and Iridium 192 tracers so that we can conduct tracer surveys in oil and gas wells.

Attached is a list of sealed sources, model numbers, and maximum amounts which should cover any source we own company-wide. Please amend our license accordingly. Our check in the amount of \$110.00 to cover the amendment fee is enclosed.

Your early attention to this request will be greatly appreciated.

Sincerely,

G. Dale Davis
President

pm

Attachment

cc: Keith Moon, Consultant

8507180449 850618
REG4 LIC30
15-21332-01 PDR

RECEIVED BY LFMB	
Date	1/6/82
By	Jan P. 2 Amend
By	Brown
Date	1/7/82

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INSPECTION AND ENFORCEMENT

CS929

SUPPLEMENT TO RA MATERIAL LICENSE APPLICATION - GREAT GUNS, INC. ----

Radioactive Materials	Chemical and/or Physical Form Source Make and Model Number	Maximum Quantity	Purpose For Use
A. Americium 241	Sealed Sources; Monsanto Research Corp. Model MRC-N-SS-W-AmBe; Gulf Nuclear Model 71-1; NSSI Model AN-HP; GOI Model 02-9200-18	No source to exceed 5 Curies	Neutron Logging of Oil or Gas Wells
B. Cesium 137	Sealed sources; General Nuclear Inc. Model GNI-VD-HP; Gulf Nuclear Model CSV; Gamma Ind. Model VD-HP; GOI Model 15-2011-39	No source to exceed 2 Curies	Density Logging of Oil or Gas Wells
C. Cesium 137	Sealed Sources; Gulf Nuclear (NEEI) Model VL-1; Gulf Nuclear Model CSV; GOI Model No. 15-2011-43	No source to exceed 125 Millicuries	Density Logging
D. Radium 226	Sealed Sources; Radium Chemical Co. Model Am 715	No source to exceed 25 Millicuries	Density Logging
E. Radium 226	Sealed Sources	No Source to exceed 20 Microcuries	Logging instrument calibration
F. Iridium 192	Any	250 Millicuries max.; not to exceed 20 Millicuries per unit	Tracer studies in Oil or Gas Wells
G. Iodine 131	Any	250 Millicuries max.; not to exceed 40 Millicuries per unit	Tracer studies in Oil or Gas Wells

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