

RPNP

Radiation, Safety, & Nuclear Products
440 South 400 West
Salt Lake City, Utah 84001

August 15, 1983

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

Dear Sirs:

Enclosed please find our application for a By-Product Material License. We are seeking licensure in order to conduct the following activities:

1. Manufacture and distribution of Gold-198 seeds for medical implants in cancer therapy, to persons authorized to possess material pursuant to 10 CFR 35, or Agreement State licenses;
2. Calibration of survey meters;
3. Conduct training classes in the safe handling of radioactive materials;
4. Perform miscellaneous consultive activities involving radioactive materials and radiation safety, i.e., leak testing, maintenance, monitoring, relocation, and/or removal of industrial gauges containing radioactive material. Included would also be decontamination and monitoring during emergency situations.

Our training classes would typically be 1-1½ days in length, but could be expanded to go into greater detail, depending on the customer's individual needs.

All individuals who will use byproduct material at our facility will be required to demonstrate a proficiency and knowledge concerning the proper handling and hazards involved. If they have not previously received training, they will be required to read the Standard Operating Procedures and the training manual, attend a class, and pass a written examination before handling any licensed material. Records of employee qualifications will be maintained for review.

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Regin + JS*

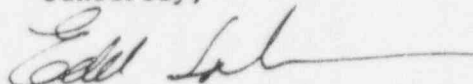
Also please find Attachments as listed below:

ATTACHMENT #

I	Item 11b. Instrument Calibration Procedures
II, IIA	Item 13a. Sketch of Facility and Gold Assay Lab
III	Item 13b. Storage Facilities, Containers, Special Shielding, etc.
IV	Item 13c. Remote Handling Tools or Equipment, etc.
V	Item 15 "Standard Operating Procedures for the Safe Use of Radioactive Materials"
VI	Item 16 Resume' for Radiation Safety Officer-Edd Johnson
VII	Item 17 Work Experience for Radiation Safety Officer-Edd Johnson
VIII	Additional information required by 10 CFR 32.74
IX	"Quality Assurance Program for Gold Seed Assay"
X, XA	"Opening Instructions for Type "A" Package Containing Radioactive Materials" and "Sterilization Procedures for Gold Seeds."
XI	Brochure to accompany shipments of Gold Seeds
XII	"Outline of subjects to be covered in training classes"
XIII	"Application for Registration of Sealed Sources"

I hope this information will be sufficient for your review of our application. If additional information is required, please advise.

Sincerely,



Edd Johnson
President

Encl

CHECK # 100 - APPLICATION FEE (CATEGORY 3B) \$190.00
APPLICATION FEE (CATEGORY 9B) 110.00
\$300.00