

APR 24 1985

Docket No. : 030-11437
License No.: 27-16664-01
Control No.: 18560

U. S. Department of the Interior
Bureau of Reclamation
Lower Colorado Region
P.O. Box 427
Boulder City, Nevada 89005

Attention: Mr. N.W. Plummer
Regional Director

Gentlemen:

This is in reference to your letters dated January 10, 1985 and April 17, 1985 for an amendment to your byproduct material license. In order to complete our review, we need the following additional information:

1. We can authorize the use of Sunburst Energy Systems, Inc. Model MM4 gauges, but we have no record of the Model MM4A. The State of California would have to review and approve the use of the Model MM4A before we could authorize its use. Please state whether or not the Model MM4 gauges would meet your needs. This matter was discussed in a telephone conversation with Mr. Dozier of your office on April 23, 1985.
2. You should submit a description of the training that will be given to authorized users in the radiation safety considerations specific to the use of the Sunburst Energy Systems, Inc. gauges. If the use of these gauges will be restricted to a few personnel, you should list their names and describe the training which they have received.
3. Your procedures for gauge users should include directions for returning the gauge to its shipping case whenever it is not in use. Otherwise, no shielding is provided for the sources. You should submit the instructions to be provided to personnel.
4. The areas where the Sunburst gauges are stored should be secured so that the gauges cannot be removed by unauthorized personnel. Also, the storage areas should be at least 5 feet from any routinely occupied area. You should submit a description of the areas where the Sunburst Energy Systems, Inc. gauges will be stored.
5. Harquahala Valley, Arizona can be added to License Condition 10. only if the use of licensed materials is by, or under the supervision and in the physical presence of Department of the Interior employees who meet the

requirements stated in License Condition 12. You should submit a statement that an authorized Department of the Interior employee will be present whenever gauges are used at temporary job sites.

OFFICE

SURNAME

DATE

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Riedlinger, Jr.
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APR 24 1985

We will continue the review of your amendment request upon receipt of this information. You should submit your response within thirty (30) days from the date of this notice. Please reply in duplicate, and refer to Mail Control No. 18560.

Sincerely,

Beth A. Riedlinger
Health Physicist (Licensing)
Nuclear Materials Safety Section