

MAR 09 1983

FCML:DH
(01121)
040-07344

General Electric Company
Re-Entry Systems Operations
ATTN: John R. McFadden
3195 Chestnut Street
Philadelphia, PA 19101

Gentlemen:

This refers to your letter dated January 25, 1983, requesting amendment of License No. SUB-831. After reviewing your request, we find we need additional information and clarification on the following:

1. Three facilities were listed as locations for the thoriated magnesium plates. Two of the facilities were identified as milling and warehouse sites, but you did not say why the plates would be located at the third (Building 100, Goddard Blvd., King of Prussia, Pennsylvania). Please provide this information, include diagrams of all facilities, and address the ventilation and containment systems for each site.
2. You indicated the bulk of the plates would be disposed of as milling wastes. How much time will be spent on milling and drilling? What will the frequency of these tasks be? Will the milling scraps be fed automatically into the waste storage drums or will workers be involved in sweeping, vacuuming and other cleanup operations? How much contact will your workers have with the plates during these milling, drilling, and cleaning up operations?
3. We are enclosing Regulatory Guide 8.11, "Applications of Bioassay for Uranium" and Regulatory Guide 8.15, "Applicable Programs for Respiratory Protection," as guidance because your operation has a potential of producing airborne radioactive materials. These guides can provide assistance in determining whether initial bioassay programs should be set up to augment your air monitoring program.
4. The request indicates that the radioactive waste will be stored in Room T470 and on the outside covered ramp. How will you secure these areas and the drums from unauthorized personnel?

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Our review of your request will continue upon receipt of the above information. Please reply in duplicate and reference Mail Control No. 01121. If you have any questions, please contact Dr. Howe at (301)427-4228.

Sincerely,

Donna-Beth Howe, Ph.D.
Material Licensing Branch
Division of Fuel Cycle and
Material Safety

Enclosures:

1. Regulatory Guide 8.11, "Applications of Bioassay for Uranium," June 1974
2. Regulatory Guide 8.15, "Acceptable Programs for Respiratory Protection," October 1976
3. Regulatory Guide 10.4, "Guide for the Preparation of Applications for Licenses to Process Source Material," March 1977

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