

DOCKET NO. 40-6940

Regulatory Suppl File Cy.

February 25, 1967

Mr. Don Harmon
Division of Materials Licensing
U. S. Atomic Energy Commission
Washington 25, D.C.

Dear Mr. Harmon:

In accordance with our discussion in your office and on the telephone our client, Kawecki Chemical Company has authorized me to request an exemption to the waste disposal restrictions in Title 10-CFR-20 - - - relative to the disposal of slag containing source materials from their metallurgical operations in Reading, Pennsylvania. Approximately nine million pounds of slag containing 1% or less of thorium and uranium will be generated as wastes from the processing of tin slags. These wastes are in the form of molten slag from electric furnaces; which when allowed to cool forms an inert glass.

Our company has sampled these wastes during production testing conducted by Kawecki Chemical at Vanadium Corporation of America plant at Cambridge, Ohio. Our analyses of these waste slags indicate the concentration of source materials do not exceed 1% U or Th. Therefore, Kawecki Chemical requests that it be permitted to deposit these wastes in an existing slag dump at the western boundary of the Reading site as indicated on the attached drawing of the site. These slags will be poured over the steep embankment in an area that is practically inaccessible. Since the slag is an insoluble inert glass, the source materials will not leach from the slag dump to create waste contamination problems.

Should you have any questions concerning this request for an exemption, or if any additional information is required, please contact me and I will see that it is provided promptly. Our client expects to begin metallurgical operations by the tenth of March to provide vitally needed rare metals and will appreciate your cooperation in expediting this request and issuance of the Source Material License submitted last month.

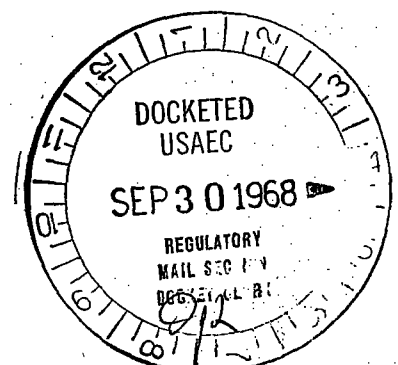
Sincerely,

APPLIED HEALTH PHYSICS, INC.

Robert G. Gallagher
President

RGG:jvc
enclosure

bcc: Kawecki Chemical Co.





THOMAS M. GERUSKY
CHIEF, RADIOLOGICAL HEALTH SECTION

DIVISION OF OCCUPATIONAL HEALTH
PENNSYLVANIA DEPARTMENT OF HEALTH

ROOM 930 HEALTH & WELFARE BLDG.
P. O. BOX 90, HARRISBURG 17120

PHONE: 787-2480
OR 787-3720