

SEP 19 1990

URFO:GRK
Docket No. 40-8786
04008786440E

Uranium Resources, Inc.
12377 Merit Drive
Suite 750, LB14
Dallas, Texas 75251

Gentlemen:

Our office is in receipt of your August 29, 1990, letter discussing your accomplished reclamation activities. It is our understanding that Uranium Resources, Inc. (URI) has added ammonium sulfate and barium chloride to the evaporation pond water in an attempt to concentrate the radium and other metals in the pond sludge. Following this treatment, the pond water was transferred to the neighboring pond, and the pond sludge was barreled in 55-gallon drums for disposal. Your amendment proposal requesting authorization to dispose of this water by way of irrigation is currently under review.

Your efforts to decontaminate the process building will be verified by an independent NRC survey. Our survey will include alpha and gamma surveys to determine what radiation levels exist. If these levels are within regulatory standards, no further decontamination work will be required.

Your references to "500 ppm exempt concentration for source material" and radium being "below the 5 pCi/gm average limit for soil" are not standards that have application for buildings (your actual reference stated 5 pCi/l, which is an error). Reference to these standards indicates some apparent confusion. Two sets of standards will be utilized to determine the radiological liability at the site: those standards applicable for release of equipment; i.e., alpha and gamma levels, and those standards applicable to soil as measured in pCi/gm above background.

Upon conclusion of your decontamination activities, please contact Mr. Konwinski of my staff to arrange a mutually-agreeable time to conduct a

PM: URFO
GKonwinski/lv
09/19/90

DD: URFO
EHawkins
09/19/90

D: URFO: RIV
REHall
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radiological survey as well as obtain soil samples. Based upon the results of the laboratory tests and field surveys, appropriate licensing action will be taken.

Sincerely,

Original Signed By:

R. E. HALL

Ramon E. Hall
Director

Case Closed: 04008786440E

bcc:

PDR/DCS

URFO r/f

ABBeach, RIV

LLO Branch, LLWM

GKonwinski

RCPD, WY

WDEQ, (2)