

TO: License Fee and Accounts Receivable Branch, *Rita Messier*
FROM: Region IV - WCFO
SUBJECT: VOIDED APPLICATION

Applicant: *Interior, Dept of - Menlo Park, CA*
Control Number: *572201*
License No.: *04-06674-07*
Docket No.: *030-13620*
Date Voided: *8-6-96*

Reason for Void:

*Licensee requested termination of their
amendment until they have completed
their review of the information to be
submitted.*

Kent Brandy
Signature

8/6/96
Date

Attachment:
Official Record Copy of
Voided Action

FOR LFARB USE ONLY

Final Review of VOID completed:

- ☐ Refund Authorized and processed
☐ No Refund Due
☒ Fee Exempt or Fee Not Required

Comments: _____

Log completed
Processed by: *h. f. g. k* *0/1*

150029

9611150117 960806
PDR ADOCK 03013620
C PDR

ML40

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 03610
STATUS CODE: 0
FEE CATEGORY: EX 3L 1D
EXP. DATE: 19991231
FEE COMMENTS:
DECOM FIN ASSUR REQD: Y

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
APPLICANT/LICENSEE: INTERIOR, DEPARTMENT OF THE
RECEIVED DATE: 950706
DOCKET NO.: 3013620
CONTROL NO.: 572201
LICENSE NO.: 04-06674-07
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: _____
CHECK NO.: _____

3. COMMENTS

SIGNED _____
DATE _____

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED / __/)

1. FEE CATEGORY AND AMOUNT: _____

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:

AMENDMENT _____
RENEWAL _____
LICENSE _____

3. OTHER: _____

SIGNED _____
DATE _____

FAX MESSAGE

U.S. Geological Survey

MS/465

345 Middlefield Rd.

Menlo Park, CA 94025

FAX: (415) 329-4463

To: Kent Prendergast
USNRC (510) 975-0381
From: Laurence G. Miller
Voice: (415) 329-4475
Date: August 6, 1996
Total pages: 1

Dear Kent,

Please accept my sincere apology for the confusion my haste may have caused. There was only one letter from USGS to USNRC, dated July 3, 1995, requesting the amendment to include the solid waste compactor. Please delete any reference to a letter dated November 14, 1995. Thanks.
Larry Miller.



United States Department of the Interior

U.S. GEOLOGICAL SURVEY

Western Region Radiation Safety Committee

345 Middlefield Rd., Mail Stop 496

Menlo Park, California 94025

Voice: (415) 329-4475

FAX: (415) 329-4463

August 6, 1996

Mr. Kent Prendergast/Ms. Beth Prange
United States Nuclear Regulatory Commission
Region IV
Walnut Creek Field Office
1450 Maria Lane
Walnut Creek, CA 94596-5368

Dear Kent and Beth,

Re: License # 04-06674-07

This letters serves as a request to discontinue any action on the pending amendment to add a dry solid waste compactor to our license. The original requests to amend the USGS license were made by latters dated 7/3/95 and 11/14/95 to Jim Montgomery.

Sincerely,

Laurence S. Miller

For
John Duff, Chairperson

D. Wadsworth, NWT Services

FAX MESSAGE

U.S. Geological Survey
MS/465
345 Middlefield Rd.
Menlo Park, CA 94025
FAX: (415) 329-4463

To: Kent Prendergast
Beth Prange
U. S. N. R. C. (510) 975-0381

From: Laurence G. Miller
Voice: (415) 329-4475
Date: August 6, 1996
Total pages: 2

Dear Beth and Kent,

Enclosed is our amendment termination request. Thanks a lot. We will re-apply in a month or two. Larry.

572201



United States Department of the Interior

RECEIVED
HRC
DIV. VESFO
GEOLOGICAL SURVEY

95 JUL -6 AM 10:21

Amendment
TAKE
PRIDE IN
AMERICA

Western Region Radiation Safety Committee
345 Middlefield Rd., Mail Stop 465
Menlo Park, California 94025
Voice: (415) 329-4475
FAX: (415) 329-4463

July 3, 1995

Mr. James Montgomery
Senior Health Physicist
Materials Branch
United States Nuclear Regulatory Commission
Region IV
Walnut Creek Field Office
1450 Maria Lane
Walnut Creek, CA 94596-5368

re: License # 04-06674-07

Dear Jim,

030-13620

We hereby request to amend our license to include the following changes to our waste handling procedures: (1) to add a low-level solid waste minimization step, using a waste compactor, and (2) to implement a storage for decay program for solid and liquid waste. The details of these modifications are presented in separate paragraphs below.

Dry solid waste is collected at the USGS waste processing facility located at 345 Middlefield Rd., Menlo Park, CA 94025. Waste is received by the WRRSC's Radiation Safety Consultant during specified disposal events according to procedures described in the USGS radiation safety manual, part II, section A, paragraph 5. Solid waste is stored in a weather-sealed and locked transportation container until such time as a 55 gallon drum can be filled for compacting. For compacting, the waste drum is temporarily transferred to the compacting shed adjacent to the transportation container, and subjected to 14,000 pounds of thrust over a 30 second period using a PAX 255 compactor (S/N 10406). Compaction results in a volume reduction of nearly 80%. The waste drum is then covered and returned to the transportation container, where it is stored, locked, to await additional use. Both the transportation container and the compactor shed are situated on a concrete pad within a security fence, and have electricity supplied to them. Compacting and record keeping are the responsibility of the Radiation Safety Consultant.

Solid and liquid waste containing isotopes with half-lives shorter than 120 days will be segregated from the waste stream and may be held for decay in storage. The goal is to allow solid waste to decay for 10 half-lives and for liquid wastes to decay to levels below those which allow for disposal in the sanitary sewage system. Solid waste is received by the Radiation Safety Consultant as above, but kept separate and shielded, if necessary, in the transportation container. A representative of contaminated material

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(such as a surface wipe or absorbed spill on paper) is attached to the outer surface of the container in a separate plastic bag. The date of entry into the waste stream, and an estimate of the activity is noted on the outer bag or container, along with identification of the isotope and an expected release date. After storage for 10 half-lives, the representative material is surveyed with the most sensitive means possible (pancake style G-M meter for γ and α , or direct counting of surface wipes for β) and if no activity is detected, then the bulk material may be released to trash disposal. Short half-lived liquid wastes are clearly identified by the waste generator, received by the Radiation Safety Consultant, and stored separately in the transportation container. Liquid wastes are marked with the isotope, activity, date of entry into the waste stream, and the expected release date. The release date is calculated by the generator from the activity and the half-life using the limits for sewage disposal specified in Title 10 CFR, Part 20, Appendix B. After the estimated release date, the liquid waste (or a representative subsample) is counted by the most appropriate means to ensure that activity is below sewage release levels. The liquid waste may then be removed from the transportation container and disposed of in the generator's specified sewage release area. Record keeping for sanitary sewage disposal is the responsibility of the generator.

These two modifications to the USGS waste handling procedure will result in reduced volume of material to be stored on site. Thank you for your time in considering these changes.

Sincerely,

A handwritten signature in cursive script, reading "Laurence G. Miller".

Laurence G. Miller, Chairperson

encl.

cc: H. Lee, MS/999; D. Wadsworth, NWT Services