

RECEIVED
OCT 28 2014

DNMS



Department of the Interior
US Geological Survey
Box 25046 MS-974
Denver CO, 80225

October 23, 2014

U.S. NRC Region IV
1600 East Lamar Boulevard
Arlington, Texas 76011-4511

PUBLIC

Immediate Release
 Normal Release

NON-PUBLIC

A.3 Sensitive-Security Related
 A.7 Sensitive Internal
 Other: _____

Reviewer: RM

Date: 10/29/14

Dear Sir or Madame,

The U.S. Geological Survey would like to self-report a recently-discovered violation of the conditions of our License of Broad Scope, license #05-01399-08.

1. Since 2011, the U.S. Geological Survey has not been in full compliance with 10 CFR 19.13. Specifically, the requirement per 10 CFR 19.13 (b)(1) to provide an annual report to each monitored individual whose dose exceeded 1 mSv (100 mrem) TEDE or 1 mSv (100 mrem) to any individual organ or tissue. Also, specifically the requirement per 10 CFR 19.13 (b)(2) to furnish the report required per 10 CFR 19.13 (b)(1) within 30 days after the exposure of an individual was determined. Since December 31, 2010 there have been 25 monitored individuals under the Broad Scope license who have received a dose greater than 100 mrem TEDE or 100 mrem to an individual organ or tissue. Of those 25 monitored individuals: 13 individuals received their annual dose report within the 30 days, 3 individuals received their annual dose report outside of the 30 days, and 9 individuals did not receive their dose report. Once this violation was discovered, all 9 individuals who did not receive their dose reports were sent copies of their dose report. To prevent this violation from occurring in the future, the RSO has implemented the use of a tracking spreadsheet. This spreadsheet tracks many of the required surveillances for each Radioisotope Utilization Permit issued by the RSC under our Broad Scope license. One of those surveillances is the annual dose reports required per 10 CFR 19.13. The surveillance date for this item is scheduled for January of each year to ensure that reports are sent out within 30 days from when the annual exposure has been determined. The RSC has confidence that maintaining this administrative control will ensure future compliance with the regulations.

Please contact me or Alex Buehrle (USGS RSO) if you have any questions about these self-reported violations.

Sincerely,

James B. Paces, Ph.D.
USGS Radiation Safety Committee Chairman
303-236-0533
jbpaces@usgs.gov

MS 963 - PACES

US DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
BOX 25046 FEDERAL CENTER
DENVER CO 80225-0046

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300



U.S. NRC Region IV
1600 East Lamar Boulevard
Arlington, Texas 76011-4511

#353

760114511 0002

