

National Aeronautics and Space Administration
Goddard Space Flight Center
Greenbelt, MD 20771



Reply to Attn of: 350

ATTN: Document Control Desk
Director, Office of Federal and State Materials and Management Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: Written Report for Notification of Leaking Radioactive Source

Reference: (a) NRC License Number: 19-05748-02, Docket No. 030-04538
(b) Title 10 Code of Federal Regulations, Part 30.50(c)2

Description of Event:

a. On April 21, 2014 NASA Goddard Space Flight Center Radiation Protection Office personnel were conducting routine leak tests on several radioactive material sources that were in storage in Building 22, Room 070Q. The results of the leak tests indicate that three radioactive sources have greater than 0.005 microcuries of removable contamination. The source information is as follows:


Isotope	Source ID	Manufacturer	Model	Activity (μCi)	Leak Test Results (μCi)
ABC (Am-241, Ba-133, Cs- 137)	ABC-00-002	Isotope Products Labs	26156	5.65E+02	3.7E-2B
Am-241/Be	Am-241- 189N	Monsanto Research Corp		3.84E+04	5.9E-3a; 2.9E-3B
Am-241/Be	Am-241-514	Isotope Products Labs	EAB- LB-2	9.53E+02	2.5E-2a; 6.7E-3B

b. All sources were in permanent storage and no individuals were exposed to removable contamination.

3. Corrective Actions: The sources will remain in permanent storage until a proper disposal route is identified. The sources will be then properly disposed of as radioactive waste in accordance with Nuclear Regulatory Commission regulations.

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If you have any questions, please contact Jim Dillard at (301) 286-0280.



James Dillard
Radiation Safety Officer
Occupational Safety and Health Division

cc:
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