030-38417

smiths detection
bringing technology to life

Smiths Detection
21 Commerce Drive
Danbury, Ct. 06810-4131, USA
T: +1 888 473 6747
www.smithsdetection.com

June 20, 2011

Jack Foster, Chief
Licensing Branch
FSME/DMSSA/LISD/LB - MS T-8-F18
U.S Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852
Dear Mr. Foster,

This letter is a request for regulatory interpretation regarding the exempt distribution of the Radseeker and quantity of material distributed in Smiths Detection RadSeeker Product under NRC Exempt Distribution License no. 06-24000-01E.

Smiths Detection wishes to distribute the DL and CL models with a lower activity 0.005µCi source than listed in the original application. Below is a table from the original application which listed the radionuclide and activities to be used, and a 2nd table listing the radionuclide and activities now intended to be used.

Name and Model of Device and Radionuclide In Original Application:

Model	Detector	Source	Sealed Source Activity
RadSeeker DL	LaBr	NA-22	0.016µCi (592 Bq)
RadSeeker CL	LaBr	NA-22	0.016µCi (592 Bq)
RadSeeker CS	NaI	NA-22	0.016µCi (592Bq)

Name and Model of Device and Radionuclide Intended to be used:

Model	Detector	Source	Sealed Source Activity
RadSeeker DL	LaBr	NA-22	0.00541µCi (200 Bq)
RadSeeker CL	LaBr	NA-22	0.00541µCi (200 Bq)
RadSeeker CS	NaI	NA-22	0.01622µCi (600 Bq)

In addition, please note that due to rounding errors the SI activity units in Bq are slightly different than those in the original application.

575496

Detection to file an amendment request for any of these changes.

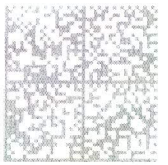
If you have any questions please call me at 410-612-2535 or email me at John.Volz@smithsdetection.com.

Sincerely,

John Volz
Radiation Safety Officer

smiths detection
bringing technology to life

Smiths Detection
2202 Lakeside Boulevard
Edgewood, Maryland 21040 USA
www.smithsdetection.com



UNITED STATES POSTAGE
PITNEY BOWES
02 1P $ 000.44⁰
0004185215 JUN 21 2011
MAILED FROM ZIP CODE 21040

Jack Foster, Chief
Licensing Branch
FSME/DMSSA/LISD/LB-MS T-8-F-18
US Nuclear Regulatory Commission
11555 Rockville Pke
Rockville, MD. 20852