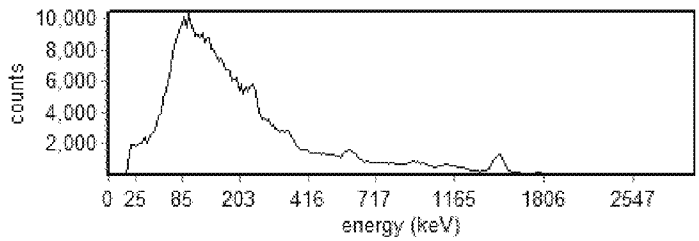
Filename: SPEC0125.N42

INSTRUMENT INFORMATION
Instrument Type: Radionuclide Identifier
Manufacturer: Berkeley Nucleonics Corp.
Instrument Model: SAM Eagle
Instrument ID: Serial 40354
Probe Type: Serial 42285, Type 2x2 NaI

SPECTRUM INFORMATION
Spectrum Type: PHA
Energy Units: keV
Start Time: 2015-08-07 13:29:41
Real Time: 1800.53 sec
Live Time: 1800 sec
Bias: 650
Coarse Gain: 1
Fine Gain: 1.2049
Group Size: 256
LLD: 0.80
ULD: 100.00
Zero: +0.1620

LOCATIONAL INFORMATION
Latitude: 41.212178
Longitude: -73.727497



PHOTON DATA
Detector: gamma
Real Time: 1800.53 sec
Live Time: 1800 sec
Count Rate: 270.364 CPS
Total: 486656 Counts
Dose Rate: 0.176337 uSv/h (17.6337 urem/h)

ANALYSIS RESULT
Threat Description:

Nuclide Name: Ra-226
Nuclide Type: NORM
Nuclide ID Confidence: 0.71237
Nuclide ID Confidence Description: High
Nuclide Dose Rate: 0.00326609 uSv/h (0.326609 urem/h)

Nuclide Name: Th-232
Nuclide Type: NORM
Nuclide ID Confidence: 0.91368
Nuclide ID Confidence Description: High
Nuclide Dose Rate: 0.0222068 uSv/h (2.22068 urem/h)