

THE REMOVAL OF THE BIOLOGY SOURCE



History

An unknown radioactive source has been stored for decades in the Biology department.

The source was shielded with lead and wax, which indicates that it emits gamma rays and neutrons.

The Health Physics Services of EHSRM has requested the assistance of the Lebanese Atomic Energy Commission (LAEC) to remove, transport, and store the source.

Preparations

Mrs. Muzna Assi and Mr. Mustapha Harb from LAEC responded to our request.

The area was confined, access to the removal site was denied, floor was covered with plastic sheets to avoid contamination, all equipments and tools were prepared, and all concerned staff were provided with dosimeters, and properly dressed.



Removal Works

The removal works were completed in three days under the supervision of EHSRM.

The Biology room where the source was stored as well as all the surrounding areas were monitored for remaining contamination.



Transport

With the assistance of The Physical Plant department and the Protection Office, the sources were transported to AUB's radioactive waste store where they shall stay until an acceptable disposal route is defined.

For more information about this project or any details related to Environmental Health, Safety or Risk Management, please do not hesitate to contact us at 2360.