

HSA BUILDING FACT SHEET

Building No. / Name Building #292 (Museum Storage Area)
Installation Fort Monmouth

Original / Former Use

N/A

Current Tenant / Use

Museum storage

Construction Information

Date of Construction:	<u>1944</u>	Construction Material:	<u>Concrete and cinderblock</u>
Total Sq. Footage:	<u>13,440</u>	Renovation Information:	<u>N/A</u>
Floors:	<u>1</u>	Current Building Status:	<u>Existing</u>

Sources of Information (*Document No's Used, Interviews, etc.*)

- Document Reviews – Ref. 045, Ref. 048
- Site Visit and Interviews – Ref. 012

Radiological Data Summary (*RCOPCs, Impacted Room(s) / Area(s), etc.*)

- Due to the presence of artifacts containing radiological materials, the Museum Storage was noted as a building of interest on a list provided by Barry Silber of the CECOM Safety Office (Ref. 045).
- CECOM Safety Office Radiation Protection Surveys (Ref. 048) detail the removal of radioactive materials and the performance of a closeout survey for Building 800, the prior location of the Museum and Museum Storage before moving in 1998-99.

A Chinese radio and a vacuum tube were radiological commodities identified with radiological readings above background levels. Radium-contaminated components were found in a posted radioactive storage locker. The curator mentioned the removal of numerous items that contained radiological materials, which was done as part of the moving process of the Museum to Building 275 from Building 800 in 1998-99. Before this occurred, the storage area contained approximately 65 items that contained RAM.

Preliminary Radiological Screening Results

Building	Description	Survey Location	Alpha	Beta
292	"Caution Radioactive Material" posted storage cabinet #1	1	0	< 200*
292	"Caution Radioactive Material" posted storage cabinet #2	2	0	< 200*
292	"Caution Radioactive Material" posted storage cabinet #3	3	0	< 200*
292	Electron tube on Shelf 12E2 #Mon 15091	4	0	1503**
292	Chinese Radio with radioluminescent backlight component	5	--	4283**
--	Background	--	0-1	~200

*All readings taken in cabinets based on scanning, readings less than 200 cpm; other display readings less than or equal to background.

**All readings taken as one minute counts.

**HSA and Addendum to Environmental Condition of Property
Fort Monmouth**

Preliminary MARSSIM Classifications

Impacted, MARSSIM Class 3

Site Visit Information (Date Toured, Site Contact, Security Issues, Photos Taken)

Site visit conducted on June 13, 2006, by Hank Siegrist and Megan Fay. Site contact is Mindy Rosewitz, Museum Curator. Site visit included interview with curator, visual inspection, photographs, and radiological measurements.

Additional Information

The building also includes an administrative area that was not part of the site visit.

Representative Photographs/Floor Plans/Drawings

Floor plan provided.



Fort Monmouth, Building 292, Museum Storage (West)



Fort Monmouth, Building 292, Museum Storage (North)



Fort Monmouth, Building 292 – Museum Storage, Chinese Radio (possible radium dial)



Fort Monmouth, Building 292 – Museum Storage, Radioactive Materials Storage Cabinet



Fort Monmouth, Building 292 – Museum Storage, Radioactive Materials Storage Cabinet



Fort Monmouth, Building 292 – Museum Storage, Radioactive Materials Storage Cabinet

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Fort Monmouth, Building 292 – Museum Storage, Radioactive Materials Storage Cabinet



Fort Monmouth, Building 292 – Museum Storage, Vision Scopes



Fort Monmouth, Building 292 – Museum Storage, Vacuum Tubes