

**HSA BUILDING FACT SHEET**

**Building No. / Name** Building #275 (Museum)  
**Installation** Fort Monmouth

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**Original / Former Use**

Communications-Electronics Museum

**Current Tenant / Use**

Communications-Electronics Museum

**Construction Information**

**Date of Construction:** 1934                      **Construction Material:** Concrete & cinderblock  
**Total Sq. Footage:** 7,432                      **Renovation Information:** N/A  
**Floors:** 1    **Current Building Status:** Existing

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

- Document Reviews – Ref. 045, Ref. 048, Ref. 049
- Site Visit and Interviews – Ref. 012

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

- ARA 29-0122 is mentioned in Minutes from a Radiation Control Committee meeting, with specific reference to Ra-226 incorporated as radioluminous paint on meter movements, toggle switches, and circuit breakers, and electron tubes incorporating various radioactive materials (Ref. 049).
- The Communications-Electronics Museum 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.

Thoriated lenses (night vision lens), Kodak camera, a radium-containing component on a radio, and vacuum tube were among several museum display items that gave off readings above background level. The curator mentioned the removal of numerous items that contained radiological materials, which was done as part of the moving process to Building 275 from Building 800.

**Preliminary Radiological Screening Results**

Building	Description	Survey Location	Alpha	Beta
275	AN/PRC-10 Radio Miniaturization Display	1	0	206
275	Floor in front of AN/PRC-10 Radio miniaturization display	2	1	139
275	Vacuum Tube Development Display ("Zahl" tube)	3	1	130
275	Night Vision Equipment display	4	0	841
275	Combat Photography display	5	0	357
--	Background	--	1	130

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

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\*All readings taken as an average over 1 minute; other display readings less than or equal to background.

**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**

None

**Representative Photographs/Floor Plans/Drawings**

Floor plan provided.



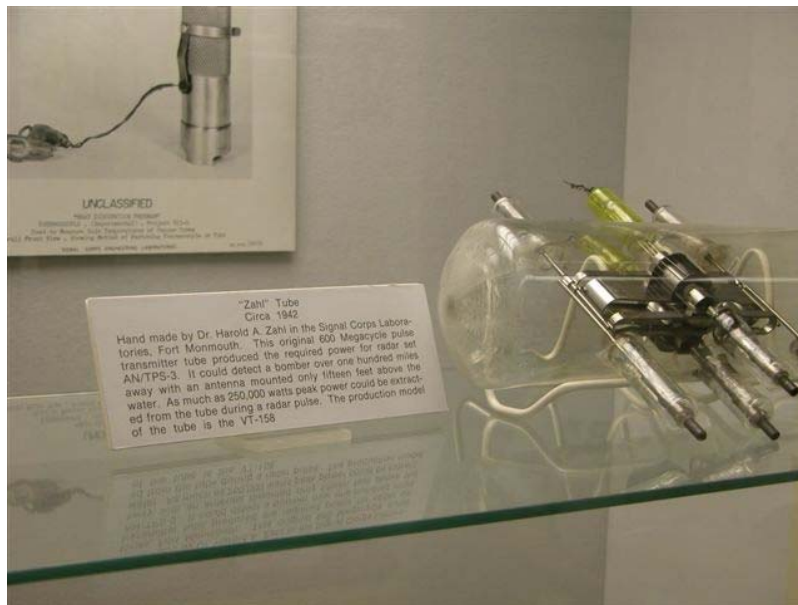
**Fort Monmouth, Building 275 – Museum, Night Vision Equipment Display**

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**Fort Monmouth, Building 275 – Museum, Vacuum Tube Display**



**Fort Monmouth, Building 275 – Museum, Zahl Tube**

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**Fort Monmouth, Building 275 – Museum, Combat Photography Display**



**Fort Monmouth, Building 275 – Museum, Combat Radio**