

HSA BUILDING FACT SHEET

Building No. / Name Building #283 (Squier Building)
Installation Fort Monmouth

Original / Former Use

Research laboratories; Signal School training (classrooms)

Current Tenant / Use

(PMDCLASS) Administrative offices

Construction Information

Renovations occurred in this building at least within the last 20 years, and also likely before that time. The exterior/structure of buildings is original, renovations affected interior spaces, and siding was added to some parts of the building. The present computer lab was converted from a cafeteria in the 1980s. The only remaining unrenovated areas of occupied space were janitorial closets (sinks).

Date of Construction:	<u>1935</u>	Construction Material:	<u>Concrete & cinderblock</u>
Total Sq. Footage:	<u>76,538</u>	Renovation Information:	<u>Labs transfer in 1954, renovated to office space</u>
Floors:	<u>2</u>	Current Building Status:	<u>Existing</u>

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

- Document Reviews – Ref. 036
- Site Visit and Interviews – Ref. 006

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

- A Special Investigation Report was issued in 1951 for the Squier Signal Laboratory Director to discuss a wipe test performed on samples of aluminum covered with polonium lacquer (~230 mCi) to ensure that no hazard was present (Ref. 036).

All evidence of drains were covered over, but janitorial closet sinks were original to building and existed during time when wet labs were active and may have residue in drain traps. Evidence of radio communication work was found in the basement work area (radio manual, wire used in radio circuitry) on shelves.

Preliminary MARSSIM Classifications

Impacted, MARSSIM Class 3

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

Site visit conducted June 11, 2006, by Hank Siegrist and Michele Driscoll, accompanied by representatives from Shaw Environmental. Site contact is Jim Dempsey. Site visit included interview with building operators, visual inspection, and photographs.

Additional Information

Basement contains sump and new furnace; water sometimes leaks into area during storm events due to proximity of river; once had petroleum-like material spill, but testing revealed it to be coal tar (no radioactive materials); fallout shelter (original) exists in basement area.

Representative Photographs/Floor Plans/Drawings

Floor plan provided.



Fort Monmouth, Building 283 – Squier Hall, Front View



**Fort Monmouth, Building 283 – Squier Hall, North View of Courtyard
(with Monitoring Wells and Storm Drain)**



Fort Monmouth, Building 283 – Squier Hall, Northeast View inside Courtyard



Fort Monmouth, Building 283 – Squier Hall, original janitor's sink



Fort Monmouth, Building 283 – Squier Hall, Basement Workroom