

WRAMC Kickoff 6/20

Shaw - Jill, Carol, & Justin working with Jeff Gilliam.

Shaw presented - same as I've seen at Gilman Monmouth
Met. Dave Burton, Asst. RPO, who worked at Joe
Wessman on Bldg 40. He is commissioning.

Bruce Carlberg - WR Env. office (neither knows if they will be here)

Anne Delp

Marci ~~Carlsberg~~ ^{Gilman} (?) - AEC

Bryan Frey

Matt Robert - Env. Coord. for WR Hospital

Mark Melanson

Dave Burton

Road Walton - AEC in charge of WRAMC BRAC

Apparently, WR is a fed-to-fed transfer, so may not require CERFA
letter report. Main campus includes Bldg 18 across the street.
There is an ECP Report, we need to get copy of.

This is being turned over to GSA, & GSA has a contractor
that will be doing their own assessment, but after
this ECP is over.

Meeting w/ Anne Delp & Bruce Carlberg after main meeting ↓
Key Bldgs we need to get access to

Armed Forces Institute of Pathology AEP Bldg 54
① Hospital
② Old Hospital

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?5- MRI Facility attached to hospital - historic info says it used to be lead based paint storage.

Bldg 40 is the one that was decommissioned was part of Enhanced Use Lease (EUL) project, but the new owners decided they didn't want it after BRAC.

6- Behavioral Science Bldg/1997, no clinical labs

(T2)

(7) - Current uses rad materials

(54) - will have access issues there.

?41 - current office for rad safety, so may need to view.

15 - boiler

Fire Department has logs of all responses, historically, in hard copy, in notebooks. Problem is that it is all responses, not just spills, so you would have to physically read boxes & boxes of notebooks to find the occasional spill response, and even for them to see if there were any rad responses. We can do this by interview with the Fire Department.

15 central heating plant.

WRAMC 6/20/06 Anne Dipp 702 792 7822

? Bldg 16 was incinerator, now incinerator is gone, it is ~~now~~ renovated, it is now DAW Maintenance Bldg. Rumor is that there was disposal at Forest Glen, but not at WRAMC. Rumor of burial of horses in head boxes, No known burial areas

(38) - listed as historical use of radiological materials, now been gutted and is undergoing renovation.

41 - was Red Cross, now the Radiological Safety Office.

49 - transformer bldg.

Haz Waste Bunker attached to 54, also has a xylene recycling center.

~~55, 56~~ Fisher House

~~53~~ ^{also 5091} Animal House - now office for information technology, admin.

91 - Dental Clinic completely renovated as well, now admin.

~~88~~ - Gym, no historical use

90 - Fire station, would like to interview w/ to get into - chief's office is in Bldg 11

6/20/06 Meeting w/ Shaw, Anne Gelp, Bruce Goldberg
(92) - Isotope Laboratory, now admin video lab,
was a photo lab

(16) - this is attached to Bldg 1. Bldg 1 has
not been extensively renovated - it was labs, that
are now offices - Anne says this bldg is
most suspect w/r to whether it was cleaned
before it was used

(12) - was extensively used as labs, Anne says
they still have rad labels on walls in here.
It is IT now, it has not been renovated.
→ now in Bldg 7, still use rad
was "DCI", Dept. of Clinical Investigation

787 - Maintenance Facility prior to 1960, Ann was basketball
bubble, now removed

I-241

18 - Was a highly new barracks

A76 - affects DPW, Env. office, & Safety office
the contractor won the bid, and is taking over
the positions.

Couists

1	7
2	12
54	92

Alone

40
38

Haz Waste Bunker

Interview w/ Dave Burton

① - original hospital, nuclear medicine was in there. Moved out in 60s. Since then, there has been no isotope work. However bldg has not been decommissioned.

② Built in 1960s, currently used, there are a number of rooms authorized. Some old rooms that are not currently authorized, we could find some of them in historical records. Rooms that are currently authorized, Dave would be doing surveys quarterly or monthly, and this group also handles their waste disposal.

Dave's group picks up their waste, ~~have~~ take rad waste out to Forest Glen. Dispose of liquids down sewer there, and hold other for decay.

Bldgs - HP had a room there to hold waste before it went to Forest Glen, and actually put liquids down drain there. They did smear & sample these - they were clear, no remediation.

③ - AFIP Bldg - HP has specific list of authorized rooms. Dave has an electronic database of rooms that are currently and were in the past authorized. The authorization of specific rooms started before Dave got here, more than 20 years ago. There is a collateral duty RSO there.

(T2) - has been decommissioned, done by Joe Weissman, DCI is now in Bldg 7.

(9) - DCI is currently in, specific past & current authorized rooms are on HP list & files

(92) - Dave has no idea what this is, and why it is listed as "Isotope Lab", And we can't find it on map

(91) - in about 1990, HP did clearance of this, but not full decommissioning - they started doing official decommissings in the later 1990s.

(38) - DCI was in here, too. This is currently being remodeled. Dave thinks it hasn't been officially decommissioned. But Dave did his own smears in ~~into~~ rooms that were used, and still has those records.

Lots of Dave's files are for Forest Glen sites.

Authorizations - users have to apply for authorization, which Dave assigns. Also, all rad material is purchased through Dave, and physically comes to 41, they check it in and carry it over to them.

The only exception to this is nuclear medicine who get their own materials

WR Army Institute of Research = WRAIR -
was in Bldg 40, now at Forest Glen,
nothing left at WRAMC.

6/21/06 WR - file search in HP office, Bldg 41

File cabinets contain

- RSC Meeting notes
- Technical & decommissioning reports (Official)
- Survey results from authorized rooms going back to about 1990. (Internal)

Goals

- identify additional Bldgs or rooms that are not in current database
- find closure reports
- information on other licenses

Document notes - file search of "Decommissioning"
File outside of Mark Melanson's office.

Flagged for copy

- Radiation Permit #221, Expires 1/31/08
- List of Radioactive Material Authorizations dated 1/06
- Decommissioning Funding Plan 1/16/04

These are cost estimates sent by WR to NRC, probably for financial assurance. It does not list specific buildings or locations.

6/21/06

Authorization files from Dave Burton.

There were, historically, about 700+ individual authorizations for radiological material use back to the 1950s, numbered consecutively. When Dave started here in 1987, there were still 90 of them active. As of now there are about 21 active, and only 7-8 of those on the Main Post. The authorizations are issued per user/tenant, so you might have 1 authorization for Bldg X, Rms A, B, & C, all operated by one organization. Then you might have another for Bldg X, Rms D, E, F, & G, on the same floor, but operated by a different organization. There are detailed procedures for how each authorization is to be requested & issued, detailed procedures for receiving (disposing and monitoring ^{+ cleaning spills} while active, then procedures for closing them out. Only two have been officially closed out through NRC - Bldg 40 & Bldg T-2.

Dave pulled files for authorizations that have expired. I can then look these authorizations up in the historical files, and find the associated rooms. The authorizations he pulled are on following pages. The data is from a CHAMMP database, and handwritten inventories mostly in 1979 to about 99 - At that time Dave switched to the new database he uses - HP.

11/1/86 WTH/C
Auth. Bldg Room

Dates not linked
to isotopes

Isotopes D. Menhond
153 81-83
125 91, 81-90, 88
131 91, 80-87

11/27

22 84

4742, 4744, 4746
4747, 4743, 4750
4751, 4740, 6260, 6268
7268 - All denuth 9
* 6260 6368

FEIDA
All Bldg 7, 640

* Request to remove from null

2 6337
4760
4742

2 I-131 7, 97
In-III 8, 96, 95
35 Rb-86 3, 86-87
125 Cr-51 79-88
2-3
615-2 sealed
Rb-226 sealed

entered in
spreadsheet

125 89
15 (?) 79, 87
1971

✓

Auth.	Bldg	Room	Isotopes	Dates mentioned
571	2	2B56	I-125	91, 89-90
		2B51	C-14	84-86
		2B62	Ni-63	79--83
used dump sink in 2B56 to dispose C-14 Bacter bottles				approved 88, also 87
		2B53	deleted 89	
		2B59	deleted 89	
		2B81D		✓

613	2	1J43	C-14	83, 94, 92
		1J39	I-125	88
		1J39A	H-3	79-85
		7Z60	P-32	91
		7Z68	Ca 45	91
		5Z60	Cr-51	
		5Z68	Ra-226	✓
		1J33		

614	2	2B26	C-14	90, 87, 86
			H-3	1940-July 1985
	7	G9	Ni-63	1933-April 1984

615	7	640	I-125	80-91, 79
		646	56-125	82-83, 90, 86
		4752	P-32	84-87, 93, 92
		4748	H-3	
		4744	S-35	
Request to merge auth with 511 in Oct-Nov 93				
		613	Cr-51	
		601	C-14	
		625H	Rb-86	
		626A	I-131	
		642	In-111	
		6-34		
216, 219, 221, 232				

Bldg 2
4742
4743 4744
4747 4748
4752 6260

✓

Auth	Bldg	Room	Isotopes	Dates
629	54	408	5	
		4098-100	3	
			15	
			51	
			-111	

633	2	7260	4	93
		7260	3	90

638			4	
-----	--	--	---	--

640			3	
-----	--	--	---	--

Auth	Bldg	Room	Isotopes	Dates
642	DCI Res Lab	7268		
		7270	H-3	93, 94, 91, 90
	2		Tc-99m	88-89 82-87
			I-125	
			C-14	
			Cr-51	

reference to Bldg 2 in file,
but no room #.
There is a note that says "We have disposed of all radioactivity
in Bldg 2, Rm 7 F 15, and had room unposted by HPD"
this is dated 93.

654	7	42	H-3	86 Auth. 86
			I-125	86

655	10	1006	H-3	88
			I-125	86

✓

Auth Bldg Room Notes

657 2 5760 4 81, 85, 90
5768 5 86

Rm numbers on a 1992 drawing

660 2B51 97, 96, 95, 94
12, 11, 89, 86
1997 document that
states termination of radioactive
Auth #660, The Clinton
District has terminated the
RM 2B51 is available
Chilizing
by Section
radioactive marks,
variance.
125
57

670 2 5270 57 88, 87
125

813 11-3 89-91

6/21/06

At 4 pm, Mr. Burton left, so I stopped going through his old Authorization files. They are not in order - I got the top box done, and tomorrow need to do the bottom box and the notebooks to link Bldg & room numbers to authorizations. Then I can add Bldg & rooms to the inventory. I also have the old G4MMP report printout dated 11/25/97, which is from the 1997 HSA Report done by Hans Honeislah for WRAIR. The copy available has the left side of the page cutoff - the side where the bldg. & room numbers are, but most of them are legible.

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6/22/06

Arrived Bldg 54 AFIP w/ Shaw Follet & Bruce Galberg. Parks Wilson is the BAAC Coordinator.

Radiological information on bldg. All information in meeting ^{before walk through} the 4th & 5th floors of this bldg have been completely deconned, rad surveyed stripped to beams, & rebuilt in the last year. There will be a report on this, which may allow us to write off 4th & 5th floors. There may be materials used there now, again, under authorizations that Dave Burton would have the files on, but it would show periodic scans showing it is clean. These may be obtainable directly from the HP here, rather than through HPO.

WRAMC
6/22/06 Bldg 54 stc usst

PERSONAL INFORMATION
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COPY OF THIS
INFORMATION WAS
RETAINED BY THE NRC.

Bldg was built in 1953, when wing built in 1972.
It is reinforced concrete construction, originally
planned to be nuclear bomb proof. The museum
is in this bldg as well. All major air handler
systems have been removed and replaced the past
couple years.

Ted Gross is Mechanical Engineer

gross + @ AFip. osd. mil

Ted started Mechanical room in basement - I
will only be noting where rad materials were
seen or mentioned. None of the industrial
maintenance side of the basement was ever
labs, But there are labs in the basement
on the other side of the bldg. Ted mentioned
one possible room that was prepped in 1953
for possible nuclear storage, but never used. It was
for high pressure, high temperature treatment
of radioactive material in case of nuclear attack.
No room name or number. - It is south west corner
of the north wing. The 4th floor had
an incinerator that may have burned radioactive
materials, according to Ted. The 4th floor has
been decontaminated & renovated, but this may still
pose a residual issue outside the stat,
if there was one.

6/22/06

In basement walk through, next to shooting range, there is Room B028, which also has access to rooms B030, B030A, & B030B. Door has a High Radiation sign - Parker says there is an x-ray facility, where I took a picture of the door. According to Ted, the x-ray was abandoned in 1996, so the sign is a relic from 16 years ago. Has not been used since then.

B045, there is an electron scope in here, and small electron scopes in some offices near here. There are no rad signs on doors.

B042A - had the main sump for drainage for floor drains, Laboratories on Museum floor. So this may be a radiological issue for rad materials dumped down sinks in labs. This plumbing was bypassed about 2 years ago, but the sump and original piping are still original. We did not get access to this, Ted did not have key.

Went to loading & supply Division (LSD), which is receiving at the loading dock - they receive hazardous materials here.

6/22/06

11:30 - Team went to 1st floor, South Wing, built in 1972. There is an internal corridor of laboratories on each floor. There are 8 floors. Went in Rms 1054/1028. This is typical of an older, smaller lab - we are only looking at representative. The labs are in 210 sq. ft. blocks. Hood in this room has an old Rad Material label on it that has been ripped off - took a picture. Another ripped off label there has the word "Auth..." - maybe indicating a Radiological Work Permit for an authorized location.

2nd floor, Safety office of Brenda Smith, who was in the conference room meeting at 10 a.m.

Next, went to Rm 2106, Department of Scientific Laboratories, Central Laboratory. This is a larger room, about 40' long by 20' wide. Walked through lab - no radiological signs or symbols.

Museum - Mr. ~~Jeff~~ or Jeff Resnick [redacted]
Contact at museum [redacted] Alan Hawk - would be
Parks Wilson [redacted]

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6/20/06

Visited. Haz Waste Storage area at by loading dock. No rad materials would gain or out of here - no signs of them, either.

The Museum has a large aqueduct & archival material in leased space in Garthursburg. Ted says they did use to have radioactive sources - they also have variety of ancient x-ray equipment which may have had sources.

Carol Halbert [REDACTED]
w/ to USDA.

Halbert

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