

## HISTORICAL FACILITY OVERVIEW FOR BUILDING 888, GUARD POST

Building 888 Guard Post was constructed in approximately 1981. Building 888 was designed and constructed as a Guard Post and it is located east of Central Avenue and Ninth Street. Building 888 is on the south side of Central Avenue between Building 865 and Building 886. The Guard Post allowed access to both Building 865 and 886 when they were fenced in for Plant Security. Building 888 is approximately 23' wide X 27' long X 11' high. Building 888 accounts for approximately 624 square feet of floor space. The building has a 4" poured concrete floor and roof/deck which is sloped to the south for roof drainage and the roof has a 5' overhang on all four sides. The building's outer walls are 8" thick poured steel reinforced concrete construction. Building 888 Guard Post was designed with all bullet proof glass, gun or weapon, slots in all four outer walls, and a double steel plate access door with bullet proof glass. Building 888 has a Men's/Women's Restroom, which has been stripped of all equipment. The interior walls of Building 888 have been insulated, covered with drywall, and painted. All the partition walls used 2" X 4" metal studs to support the drywall. Lead-based paints and asbestos may have been used during the construction of this facility. Building 888 has a drop acoustical tile ceiling that has been insulated.

Building 888 has a power transformer, which is new enough to not contain PCBs, and a wall heater left in the facility; the rest of the facilities utilities have been removed. There is no information to indicate that PCB containing equipment was ever installed or stored in Building 888. No known chemical or radioactive materials were ever stored in Building 888. A WSRIC, either current or deleted, could not be found for Building 888. Known or historical information does not indicate Building 888 was ever a RCRA storage or RCRA 90-day accumulation area. Building 888 was not constructed on any known IHSS/PAC land or soils.

Building 888 was always used as a Guard Post Facility. The facility currently is not operational.

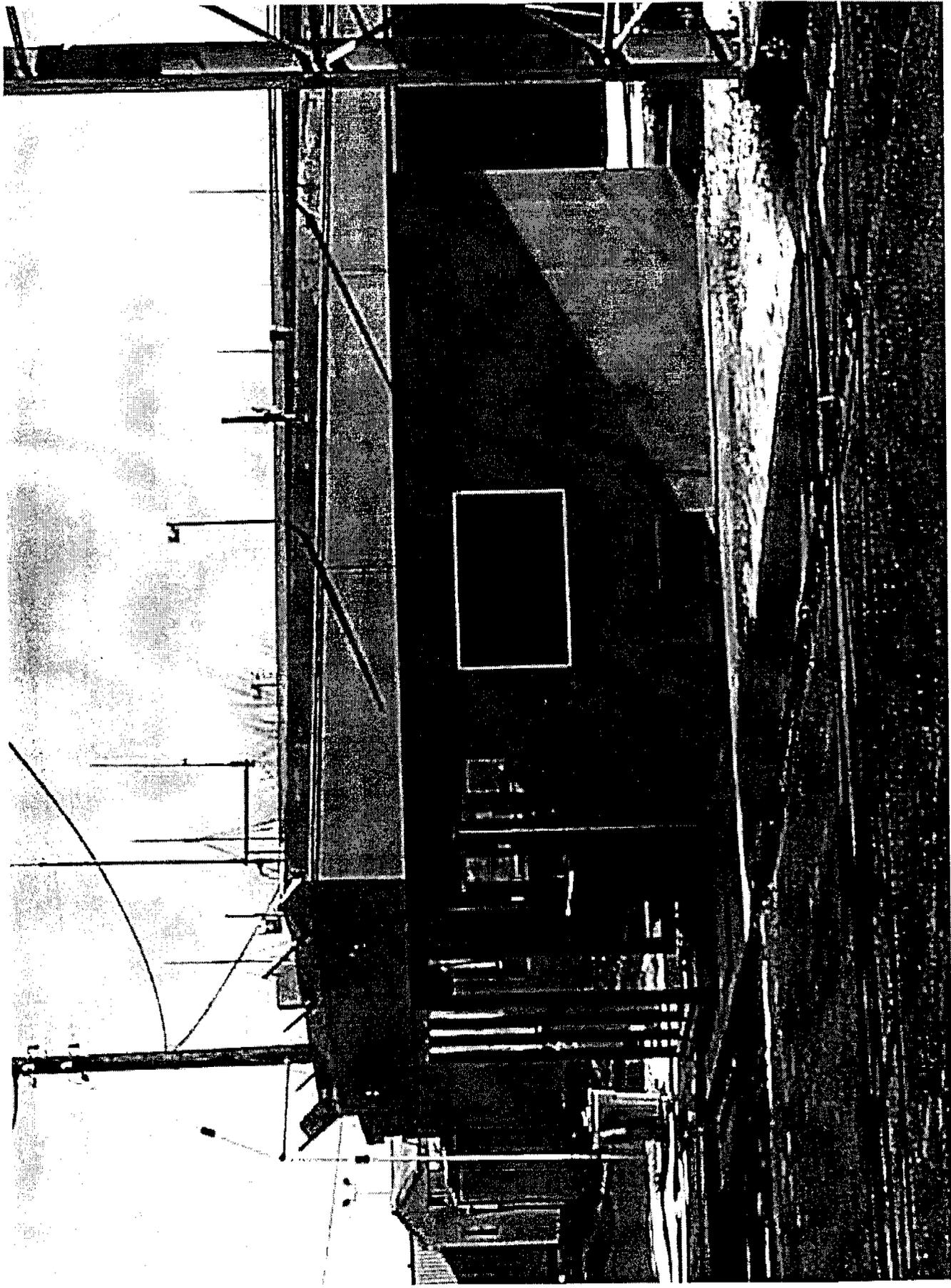


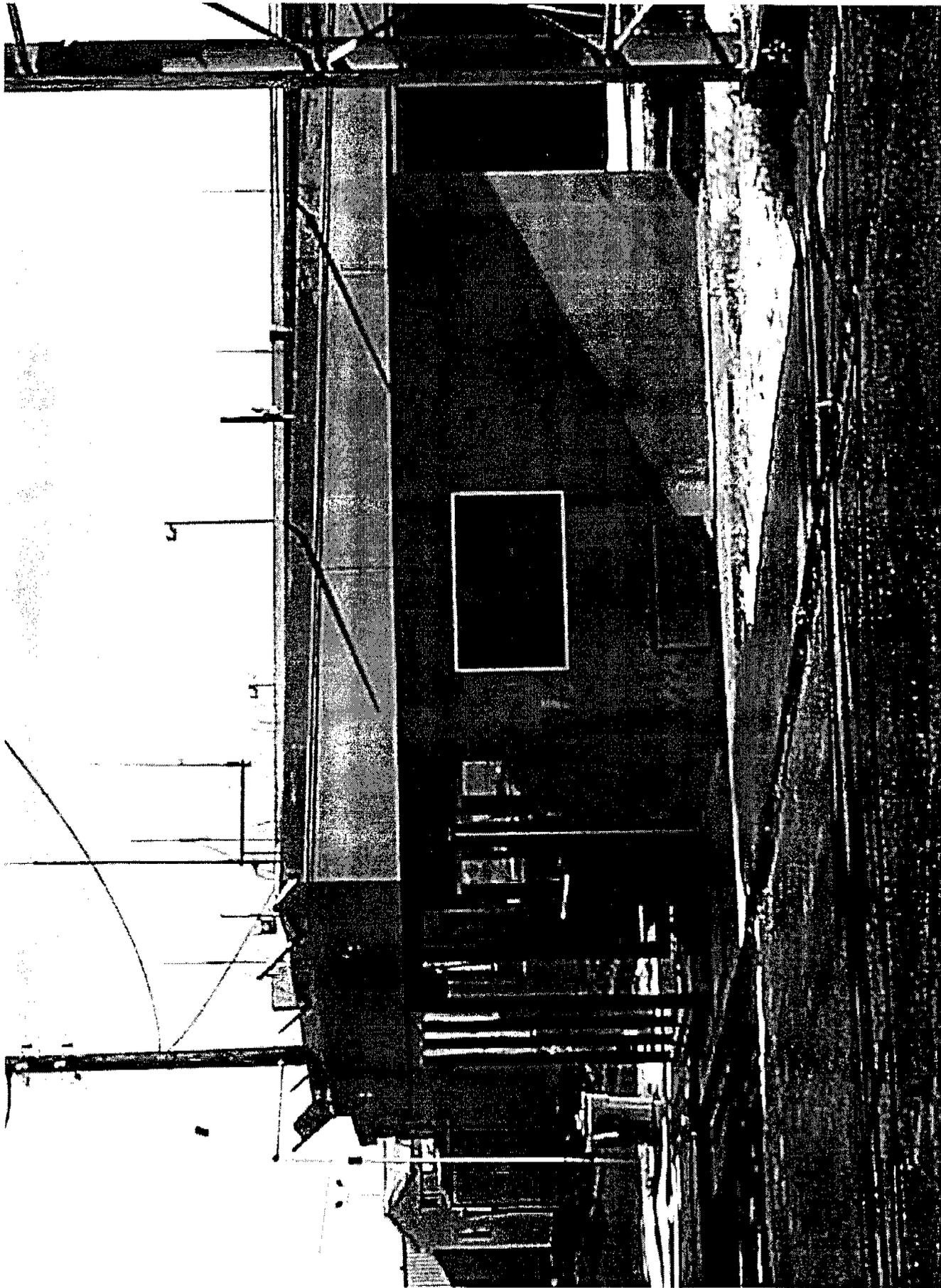
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**ADMIN RECORD**

B886-A-00037

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**D&D RISS Facility Characterization  
Historical Site Assessment - Interview Checklist**

**Facility ID: Building 888**

**Facility Type (1, 2, or 3): Type 1**

This facility specific Historical Site Assessment (HSA) - Interview Checklist has been conducted in accordance with:  
*D&D Characterization Protocol*, RFETS MAN-077-DDCP, latest version, and  
*Facility Disposition Program Manual*, RFETS MAN-076-FDPM, latest version

Personnel Interviewed (Name, Title, and Function):

Dick Link was not available for an interview prior to the scheduled completion data for this HSA. Since this HSA is being performed after the RLCR and the Pre-Demolition Survey for B888, Dick Link's interview is not required for the completion of the B888 HSA.

What time frame did the interviewee work in the facility?

Not applicable.

Has the building configuration changed since you worked in the building? If so, in what way?

Not applicable.

What operations/processes were conducted in the building during the interviewee's time at the facility?

Not applicable.

What types of equipment were in the building during the interviewee's time in the facility?

Not applicable.

Where was the equipment located? (specific rooms/areas)

Not applicable.

Were any radioactive materials or equipment handled in the building? If so, what types and where?

Not applicable.

Were any chemicals (e.g., Asbestos, Beryllium, Lead, RCRA/CERCLA Constituents, PCBs, etc.) handled in the building? If so, what types and where?

Not applicable.

Did any spills or uncontrolled release of radioactive materials or chemicals occur while you worked in the building? If so, what types and where?

Not applicable.

Were these spills/releases cleaned up? If so, how were they cleaned up?

Not applicable.

Do you know of any additional issues, concerns, or process knowledge that could affect facility characterization?

Not applicable.

Prepared By: Doug Bryant  
Print Name

  
Signature

5-21-01  
Date

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**D&D RISS Facility Characterization  
Historical Site Assessment - Interview Checklist**

**Facility ID: Building 886**

**Facility Type (1, 2, or 3): Type 1**

This facility specific Historical Site Assessment (HSA) – Interview Checklist has been conducted in accordance with:  
*D&D Characterization Protocol*, RFETS MAN-077-DDCP, latest version, and  
*Facility Disposition Program Manual*, RFETS MAN-076-FDPM, latest version

Personnel Interviewed (Name, Title, and Function)

**Dr. Robert Rothe, Building 886 Associate Scientist**

Dr. Rothe was one of the lead scientists who controlled and conducted many (if not all) of the experiments that occurred at the Critical Mass Lab (B886). Dr. Rothe was involved in the facility from its construction in 1964 to its final shutdown in 1994.

What time frame did the interviewee work in the facility?

August 10, 1964 through March, 1994

Was beryllium ever handled in the building? If so, what types and where?

No. Dr. Rothe stated during the face-to-face interview at his Boulder, Colorado home (05-21-01) that beryllium was never used in the 886 Facility for any purpose.

Other than the use of sealed, polonium/beryllium neutron sources used from 1964 to 1970, the experiments and operations conducted in the 886 Cluster never had the need for use of beryllium, and the material was never introduced into Building 886.

When asked if B886 ever transferred or temporarily stored parts or equipment from B865/883, Dr. Rothe stated that B886 was a very separate and distinct facility. There was no transfer or “swapping” of equipment or materials between the two areas.

Prepared By:

Rock Neveau

Print Name



Signature

105-21-01

Date

**D&D RISS Facility Characterization  
Historical Site Assessment - Interview Checklist**

Facility ID: Building 886  
Facility Type (1, 2, or 3): Type 1

This facility specific Historical Site Assessment (HSA) – Interview Checklist has been conducted in accordance with:  
*D&D Characterization Protocol*, RFETS MAN-077-DDCP, latest version, and  
*Facility Disposition Program Manual*, RFETS MAN-076-FDPM, latest version

Personnel Interviewed (Name, Title, and Function)  
**Dr. Robert Rothe** Assoc Scientist

What time frame did the interviewee work in the facility?  
Aug 10 1964 - March 1994

Was beryllium ever handled in the building? If so, what types and where?  
No. Never used for any purpose.

Other than sealed Po/Be neutron sources prior to 1970.

"I never had a need for Be. It was never used or introduced into the facility (with exception of Po/Be<sup>sealed</sup> sources)."

Prepared By: Rock Neveau  05-21-01  
Print Name Signature Date

Field/Interview Original

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