DISPOSITION FORM

For use of this form, see AR 340-15, the proponent agency is TAGCEN.

REFERENCE OR OFFICE SYMBOL	SUBJECT
HSWP-QHP	Use of DORF Building as Radioactive Waste Storage and Processing Facility

THRU: ACofS, FGS 20 Jul 79

FROM: Health Physics Office, WRAMC
DATE: 20 Jul 79
CMT 1
LTC Quillin/acp/75161

TO : ACofS, Support Services

1. At the 17 Jul 79 meeting of the WRAMC Radiation Control Committee the problems of storing and handling radioactive waste were discussed (see attached sheet). The question of radioactive waste is probably the most crucial issue in the nuclear industry today.

2. The committee concluded that the DORF building offered the best possibilities of any facility at WRAMC for the storage and processing of radioactive wastes. The DORF building possesses waste storage tanks, an air filtration system, crane, and a truck height loading dock. In addition, it offers floor space for the storage of a large number of barrels containing waste. Since wastes must be presently separated into ten (10) different categories, it is important to have sufficient secured space to store such barrels until a truck load of a specific category is present so that that category can be shipped to the appropriate waste disposal site.

3. Request that the DORF area and buildings be reserved for future use as a radioactive waste storage and processing facility.

1 Incl
as

ROBERT M. QUILLIN
LTC, MSC
Health Physics Officer

RADIOACTIVE WASTE

1. Problems.

a. Only three states will accept wastes: South Carolina, Nevada, Washingto

b. State regulations are becoming increasingly strict.

c. State regulations are not consistent.

d. Costs are increasing (supplies, transportation, labor, disposal).

e. Labor involved is extensive.

f. Local handling facilities required are extensive and not available currently at WRAMC.

2. Solutions.

a. Contract Waste Handling and Disposal: NIH currently contracts their wast handling and disposal for $300,000 per year. Contractor supplies 4 men full tim Contractor picks up wastes in the laboratory, transports the waste to a central location at NIH, packs the waste in contractor supplied barrels, transports the waste to the disposal site and arranges for disposal. NIH furnishes supplies ne sary for storage of wastes in laboratory, special motorized carts for transport wastes while on the NIH campus, a work area of about 1200 square feet with loadi dock and crane, two 10,000 gallon holding tanks for liquids, a barrel compactor fume hood and a walk-in fume hood.

b. Perform Work In House: To perform the work in house, WRAMC would requir 2.0 men full time if facilities were available. WRAMC currently lacks special c a work area with loading dock, a crane or barrel fork lift, a working barrel com pactor, fume hoods and holding tanks. Supplies such as bags, barrels and absorb material are or will be available. A ground level area of about 1400 square feet available in two buildings.

c. Problems of doing Work by Contract:

(1) Lack of comparable facilities available at NIH.

(2) Separation of Main Post from Forest Glen will necessitate shipping across state line for processing or provision for space and facilities at Main P

(3) Money.

d. Problems of doing Work in House:

(1) Lack of facilities

(2) Lack of personnel

(3) Separation of Main Post from Forest Glen will necessitate shipping wastes across state line for processing or provision for space and facilities at Main Post.

(4) Money.

NSWP-QHP

Need for Space in Proximity to Building 188

ACOS, FGS

C, HPO

11 Jun 79
LTC Quillin/acp/75161

1. Several recent changes in the operations of the Health Physics Office have resulted in the need for additional space in the proximity to Bldg 188, FGS. Most of these changes are caused by a concurrent loss of experienced personnel with an increase in the number and complexity of regulations which the Health Physics Office implements.

2. As an example, the national changes in radioactive waste disposal policies have now resulted in the usage of about one half the Health Physics Office's space in Bldg 509 for the storage of filled radioactive waste drums. Possible, if not probable, future requirements may necessitate the entire use of Bldg 509 or a similar building (such as DORF) solely for the reprocessing and handling of radioactive wastes.

3. In addition to the loss of space in Bldg 509, space in proximity to Bldg 188 would centralize Health Physics personnel in one area at Forest Glen, consequently making better management of personnel possible. Also, the planned initiation of an instrument shipping and receiving facility would be much more efficiently achieved if located in the proximity to Bldg 188.

ROBERT M. QUILLIN
LTC, MSC
Chief, Health Physics

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For use of this form, see AR 340-15, the proponent agency is TAGCEN.

SYMBOL OR OFFICE SYMBOL	SUBJECT
HSHP-QHP	Relocation of Health Physics Office

TO THRU: Chief of Staff
WRAMC

FROM Health Physics Office
WRAMC

DATE 23 Feb 79

CMT 1

LTC Quillin/acl/75161

TO: Deputy Commander
WRAMC

1. Within the next 12 months, the Health Physics Office has been scheduled to vacate Buildings 188 and 509, Forest Glen Section, and occupy what is now the Diamond Ordinance Radiation Facility, Building 516, Forest Glen Section.

2. Because Building 516 was constructed as a piece of equipment and not as a building, it is not currently carried officially as a building and will not become a building until WRAMC receives possession after Harry Diamond Laboratory vacates.

3. As it is presently configured and as it will be after Harry Diamond Laboratory has removed the nuclear test reactor facility, the building is not satisfactory for use by the Health Physics Office without major renovations. These renovations are:

a. Installation of utilities-water, drains, electricity, exhaust for radioisotope laboratory operations and electrical service for other technical and administrative areas.

b. Provision of benchwork, including sinks, for the radioisotope laboratory operations, radiation hoods, benchwork for radiation detection instrument calibration and repair operations and benchwork for radioisotope receipt, storage and processing operations.

c. Construction of a second toilet (only one exists presently).

d. Construction of or provisions for offices for personnel.

e. Provision for communications capability including telephones and intercoms.

4. When Harry Diamond Laboratory vacates Building 516 they will leave what consists of basically an empty shell with considerable volume but limited floor space. While the building is well suited for industrial operations, for example it has an industrial crane, it is poorly suited for the administrative and technical functions of the Health Physics Office. While an estimate of the cost of the necessary renovation is not available, it appears that it would be substantial.

5. If the Health Physics Office is to occupy Building 516 and vacate Buildings 188 and 509, it is in the best interests of both the Health Physics Office and the Facilities Engineers that appropriate planning and budgeting for the renovations be accomplished well in advance of the move so that they can be accomplished in a timely and complete manner. In addition, it is necessary for the Health Physics Office to state in its Nuclear Regulatory Commission (NRC) License Renewal application due August 31,

HSWP-QHP
SUBJECT: Relocation of Health Physics Office

1979, the facilities and capabilities the Health Physics Office possesses. The facilities in Building 188 and 509 meet not only the current requirements of the Nuclear Regulatory Commission but also meet all of the requirements in the recently received NRC Guides under which the new license will be written.

6. A review of the correspondence between WRAMC and HEW concerning Building 188 indicates that the proposed occupancy of Building 188 by HEW is contingent upon the vacancy of the building by WRAMC and the signing of a formal interagency agreement which has not been completed. Due to the cost of renovations to Building 516 , it appears to be in the best interests of WRAMC that the Health Physics Office not vacate Building 188.

7. Based upon the above it is recommended that the Health Physics Office continue to occupy Buildings 188 and 509 and that an alternate use be found for Building 516.

ROBERT M. QUILLIN
LTC, MSC
Health Physics Officer

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(Asst COFS, FCS

DISPOSITION FORM

For use of this form, see AR 340-15, the proponent agency is TAGCEN.

REFERENCE OR OFFICE SYMBOL	SUBJECT
HSWB-FG	Need for Space in Proximity to Building 188

TO Chief of Staff, WRAMC

FROM Asst Chief of Staff, Forest Glen Section, WRAMC

DATE 14 June 79

CMT 1/2

LTC Lesher/ld/5283

ATTN: Mr. Paul Bretz

1. References:

a. DF Subject: Office Space Requirements for AFPCB, dtd 21 March 79. Incl 1.

b. DF, Subject: Modification and Repair for Buildings 186 and 187 Forest Glen, dtd 1 June 1979. Incl 2.

2. Building 186, Forest Glen Sec., is currently vacant and would meet the requirements of Health Physics, WRAMC if the request from the AFPCB (Incl 1) is disapproved by the command based on the comments contained in Incl 2.

3. Recommend that Bldg 186 be considered for assignment to Health Physics if the request from AFPCB is disapproved.

Incl 2

Edward R. Lesher

EDWARD R. LESHER
LTC, MSC
Assistant Chief of Staff
Forest Glen Section, WRAMC

NSWP-QHP Need for Space in Proximity to Building 188

ACOS, FGS C, HPO 11 Jun 79
LTC Quillin/acp/75161

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ROBERT M. QUILLIN
LTC, MSC
Chief, Health Physics

HSWS-SSA (27 Jul 79)
SUBJECT: Health Physics Office Request for Building 186, WRS

TO Health Physics Office FROM Chief of Staff DATE 30 July 79 CMT 3
ATTN: LTC Quillen

1. Approval granted for Health Physics use of Bldg 186, Forest Glen as requested in CMT 1.

2. Coordination for use of the building should be made with LTC Lesher, Assistand Chief of Staff, Forest Glen.

GERALD J. SPERLING
COL, MSC
Chief of Staff

cf: LTC Lesher, Assistant Chief of Staff, Forest Glen
Paul Bretz, Space Coordinator, Support Services Administration