DEPARTMENT OF THE ARMY
HARRY DIAMOND LABORATORIES
2800 POWDER MILL ROAD
ADELPHI, MD. 20783

DELHD-N-RB 21 September 1979

SUBJECT: Contract Award for the Dismantlement and Decontamination of the Diamond Ordnance Radiation Facility (DORF), Forest Glen Section, WRAMC

Commanding Officer
Walter Reed Army Medical Center
ATTN: HFWP-QHP
Washington, D.C. 20012

1. A fixed-price contract for the DORF dismantlement and decontamination was awarded on 14 Sep 1979 to Rockwell International, Canoga Park, CA.

2. The contract delivery or performance schedule is as follows:

2.1 Phase I (Preparation of a Dismantlement Plan) shall commence on the effective date of the contract with the delivery of the Plan to the Harry Diamond Laboratories (HDL) within thirty (30) days thereafter. 14 NOV 79

2.2 Phase II (Dismantlement and Radioactive Decontamination of the Facility) shall commence six (6) weeks following the completion of Phase I, and shall be completed three (3) months thereafter.

2.3 Phase III (Restoring the building for alternate use) shall commence thirty (30) days following the completion of Phase II, and shall be completed ~~two (2)~~ months thereafter.
THREE (3) as specified in section H.3 of contract

2.4 All deliveries to and from DORF and to and from the disposed area(s) shall be f.o.b. destination with all shipping and transportation costs to be borne by the contractor.

3. Contracting personnel and equipment will require access to and from the DORF area for the facility performance of the contract. The facility access gate will be closed and locked when contracting personnel leave the facility area after the end of each work-day.

4. Requested changes, if any, to the contract specifications by WRAMC shall be submitted, in writing, to the HDL contracting officers representative (W. L. Gieseler) by 5 October 1979.

DELHD-N-RBI 21 September 1979

SUBKECT: Contract Award for the Dismantlement and Decontamination of the Diamond Ordnance Radiation Facility (DORF) Forest Glen Section, WRAMC

FOR THE COMMANDER:

Walter L. Gieseler

WALTER L. GIESELER
Physicist
Diamond Ordnance Radiation Facility

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DELHD-SA, D. Williams
DELHD-SE, Y. Yeick

HSWP-QHP

4 OCT 1979

SUBJECT: Request for Modification of Harry Diamond Laboratories (HDL) Contract No. DAAK21-79-C-0136 for the Dismantlement and Decontamination of the Diamond Ordnance Radiation Facility (DORF), Forest Glen Section, WRAMC

HEALTH PHYSICS COMEBACK COPY:

Commander
Harry Diamond Laboratories
ATTN: DELHD-N-RB (W. L. Gieseler)
2800 Powder Mill Road
Adelphi, MD 20783

1. References:

a. Letter, DELHD-N-RB, 21 Sep 79, subject: Contract Award for the Dismantlement and Decontamination of the Diamond Ordnance Radiation Facility (DORF), Forest Glen Section, WRAMC.

b. Letter, DELHD-N-RBI, 27 Sep 79, subject: Correction to Letter from DELHD-N-RB to HSWP-QHP, dated 21 September 1979, Subject: Contract Award for the Dismantlement and Decontamination of the Diamond Ordnance Radiation Facility (DORF), Forest Glen, MD.

c. HDL Contract No. DAAK21-79-C-0136, 14 Sep 79.

2. Upon completion of the dismantlement and decontamination of the Diamond Ordnance Radiation Facility and its transfer to Walter Reed Army Medical Center (WRAMC), it is the plan of WRAMC to utilize the facility as a radioactive waste holding and processing facility.

3. Consequently, the following changes to the above referenced contract are requested:

a. Delete Part II, Section F, "Description/Specifications," Paragraph F.4.6.

b. Change Part II, Section F, "Description/Specifications," Paragraph F.5.2.b. to read as follows: "Remove and dispose of absolute filters."

FRANK SCHMIDT
Deputy Director
Facilities Engineering
WRAMC

DMA

2 Oct 79

TABLE 1

NRC REGULATORY GUIDE 1.86
ACCEPTABLE SURFACE CONTAMINATION LEVELS

| Nuclide[a] | Average [b c] | Maximum[b d] | Removable[b c] |
|---|---|---|---|
| U-nat, U-235, U-238 and associated decay products | 5000 dpm $\alpha$/100 $cm^2$ | 15,000 dpm $\alpha$/100 $cm^2$ | 1000 dpm $\alpha$/100 $cm^2$ |
| Transuranics, Ra-226, Ra-228, Th-230, Th-228, Pa-231, Ac-227, I-125, I-129 | 100 dpm/100 $cm^2$ | 300 dpm/100 $cm^2$ | 20 dpm/100 $cm^2$ |
| Th-nat, Th-232, Sr-90, Ra-223, Ra-224, U-232, I-126, I-131, I-133 | 100 dpm/100 $cm^2$ | 3000 dpm/100 $cm^2$ | 200 dpm/100 $cm^2$ |
| Beta-gamma emitters (nuclides with decay modes other than alpha emission or spontaneous fission) except Sr-90 and others noted above. | 5000 dpm $\beta\gamma$/100 $cm^2$ | 15,000 $\beta\gamma$/100 $cm^2$ | 1000 dpm $\beta\gamma$/100 $cm^2$ |

[a]Where surface contamination by both alpha- and beta-gamma-emitting nuclides exists, the limits established for alpha- and beta-gamma-emitting nuclides should apply independently.

[b]As used in this table, dpm (disintegrations per minute) means the rate of emission by radioactive material as determined by correcting the counts per minute observed by an appropriate detector for background, efficiency, and geometric factors associated with the instrumentation.

[c]Measurements of average contaminant should not be averaged over more than 1 square meter. For objects of less surface area, the average should be derived for each such object.

[d]The maximum contamination level applies to an area of not more than 100 $cm^2$.

[e]The amount of removable radioactive material per 100 $cm^2$ of surface area should be determined by wiping that area with dry filter or soft absorbent paper, applying moderate pressure, and assessing the amount of radioactive material on the wipe with an appropriate instrument of known efficiency. When removable contamination on objectives of less surface area is determined, the pertinent levels should be reduced proportionally and the entire surface should be wiped.