



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

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

FOR THE COMMANDER:

WALTER L. GIESELER

Physicist

Diamond Ordnance Radiation Facility

CF:

- DELHD-PR-CA, A. Mazzone
- DELHD-FA, G. Chapman
- DELHD-N-RB, J. Rosado
- DELHD-N-RBI, P. Caldwell
- DELHD-N-RBC, J. McGarrity
- DELHD-SA, D. Williams
- DELHD-SE, Y. Yeick

[Faint, mostly illegible typed text follows, including a section header '2.3 Phase III (Restoring the building for Alameda use...)' and various descriptive paragraphs.]

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

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

HEALTH PHYSICS COMEBACK COPY:

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."

WLS
DMA

FR *2/10/79*

Frank J. Schmidt
FRANK SCHMIDT
Deputy Director
Facilities Engineering
WRAMC

RS

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 α /100 cm ²	15,000 dpm α /100 cm ²	1000 dpm α /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

^aWhere surface contamination by both alpha- and beta-gamma-emitting nuclides exists, the limits established for alpha- and beta-gamma-emitting nuclides should apply independently.

^bAs 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.

^cMeasurements 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.

^dThe maximum contamination level applies to an area of not more than 100 cm².

^eThe amount of removable radioactive material per 100 cm² 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.