

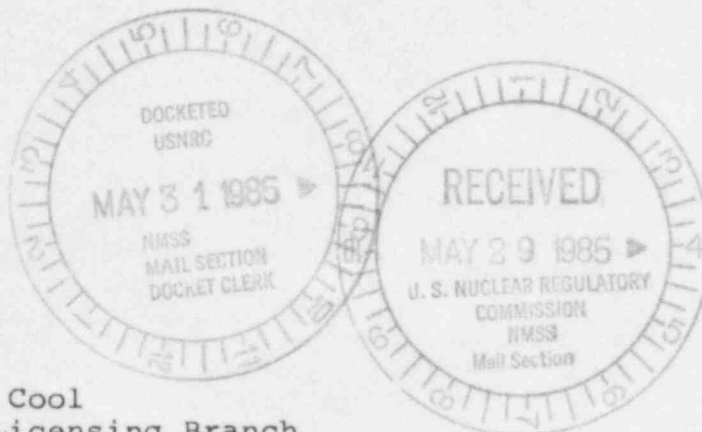


County Line Road, Boyertown, PA 19512 / Phone: (215) 367-2181

40-6940

PDR
Return
to 396SS

May 23, 1985



Dr. Donald A. Cool
Uranium Fuel Licensing Branch
Division of Fuel Cycle & Material Safety, NMSS
U.S. NUCLEAR REGULATORY COMMISSION
Washington, DC 20555

Dear Dr. Cool:

This letter is to advise you of KBI's progress in the clean-up of our Reading, Tulpehocken Street site for decommissioning. Applied Health Physics, Inc. (AHP), our consultant, began work on a seven day a week project on April 6, 1985.

First, a temporary decontamination facility (TDF) was constructed to contain radioactive dusts and 310 drums with 590 cu. ft. of low level radiation waste (LLRW) were packed and shipped to Boyertown. This was tantalum ore mixed with coke that had been used in the Reading operations. That floor area was then cleared to well within the NRC limits.

Next, we concentrated our work in the old furnace area. An aerial ladder was used to decontaminate the roof girders and side walls to a height of about 40 feet. The crane used in this area was useful to help clean the girders above while it also was decontaminated of the dust from furnace operations.

We next began excavating the ground area with a backhoe and filling drums with the dust from furnace operations for delivery to Boyertown. Eight pits were cleaned and checked until they were within NRC limits and then filled with crushed stone. Our copy of maps from AHP with before and after data, is enclosed.

This Reading property now has a new owner, Robert Stavins; whose tennant, Hamburg Fabricators, would like to expand their steel business into our area which has only been used for storage of large electrical and other massive equipment. These owners have been very cooperative with KBI in our recent clean-up task for decommissioning, both they and KBI are anxious to finish the job to the satisfaction of the NRC inspectors. I understand from our telephone conversation, that a member of the Oak Ridge team will come into this area

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Dr. Donald A. Cool
May 23, 1985
Page 2

sometime in early June while his team is on a job in York, PA. He will see the extent of the survey your people will have to do as soon as AHP has completed their work.

To date, the results of smear samples for removable contamination are summarized as follows:

882	smear samples
496	NDA alphas
262	<5 dpm/100 cm ² alphas

Of all 124 others, the highest alpha was 18 dpm/100 cm². Betas were generally higher with only one sample as high as 111 dpm/cm² on the same number of samples.

Our costs as of the last days of April 1985, due to our consultants activities, have been two bills totaling \$53,135.00. I would estimate double this amount by the end of May.

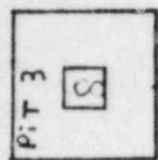
Once Applied Health Physics, Inc. is finished with their clean-up operation, which I estimate to be sometime in June, I shall be in touch with you to make arrangements for the Oak Ridge inspection.

Sincerely,

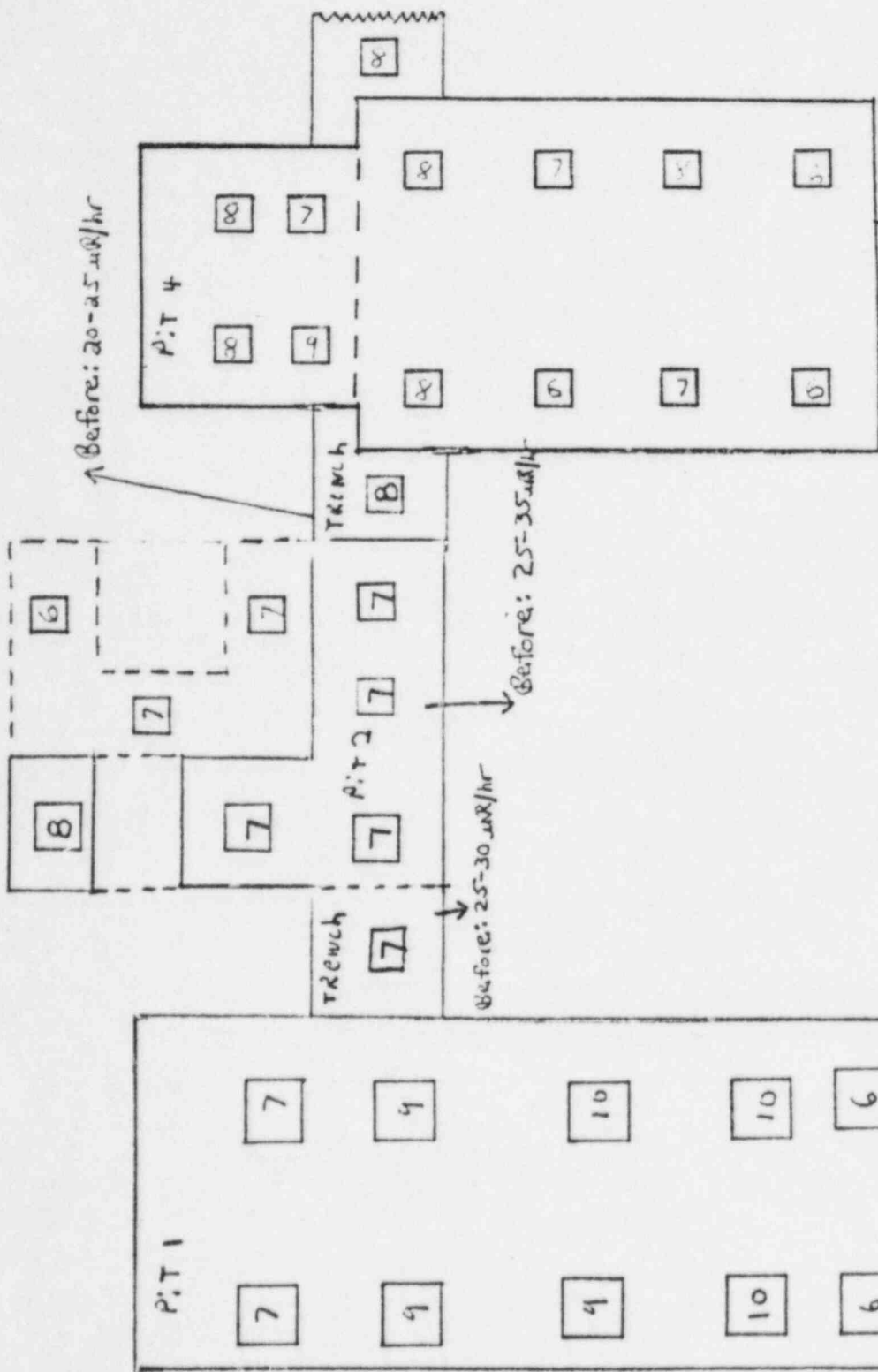
William C. Gannon
William C. Gannon
Assistant R.S.O.


WCG/djc
1471B

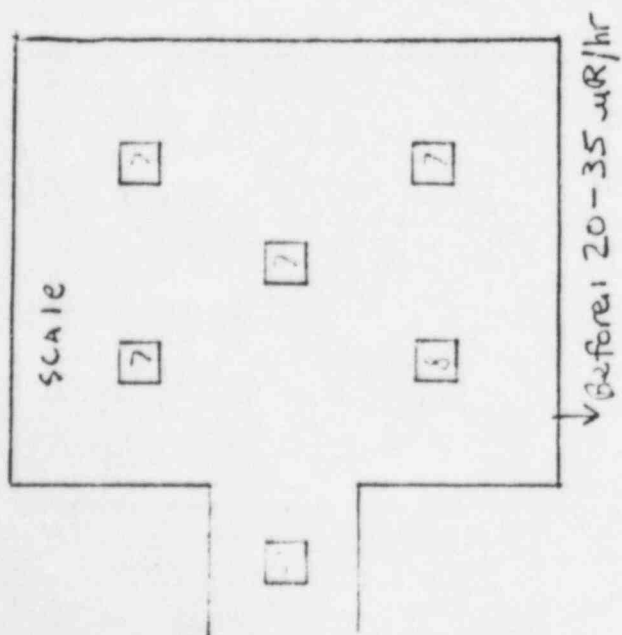
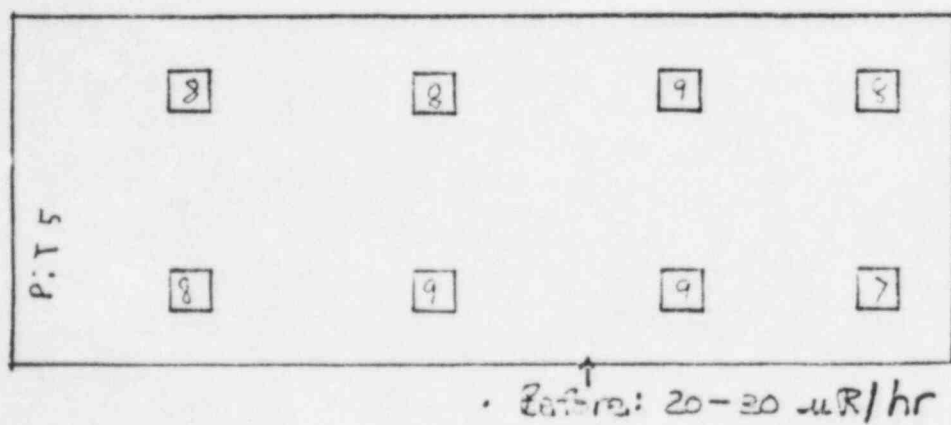
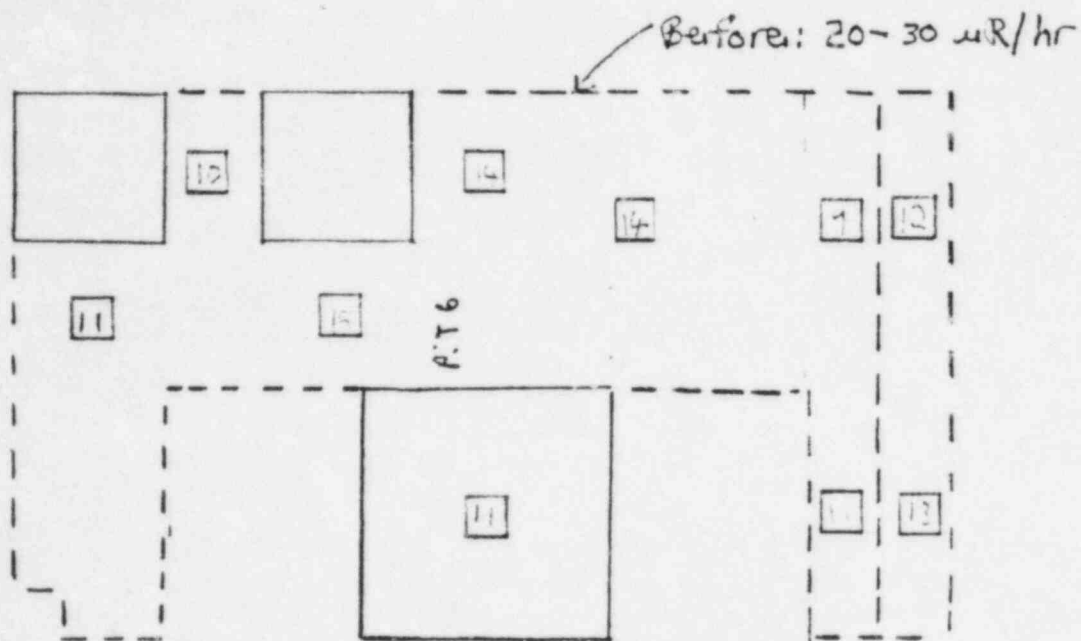
enclosure - maps (AHP)



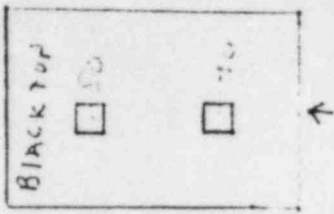
Before: 22-28 $\mu R/hr$



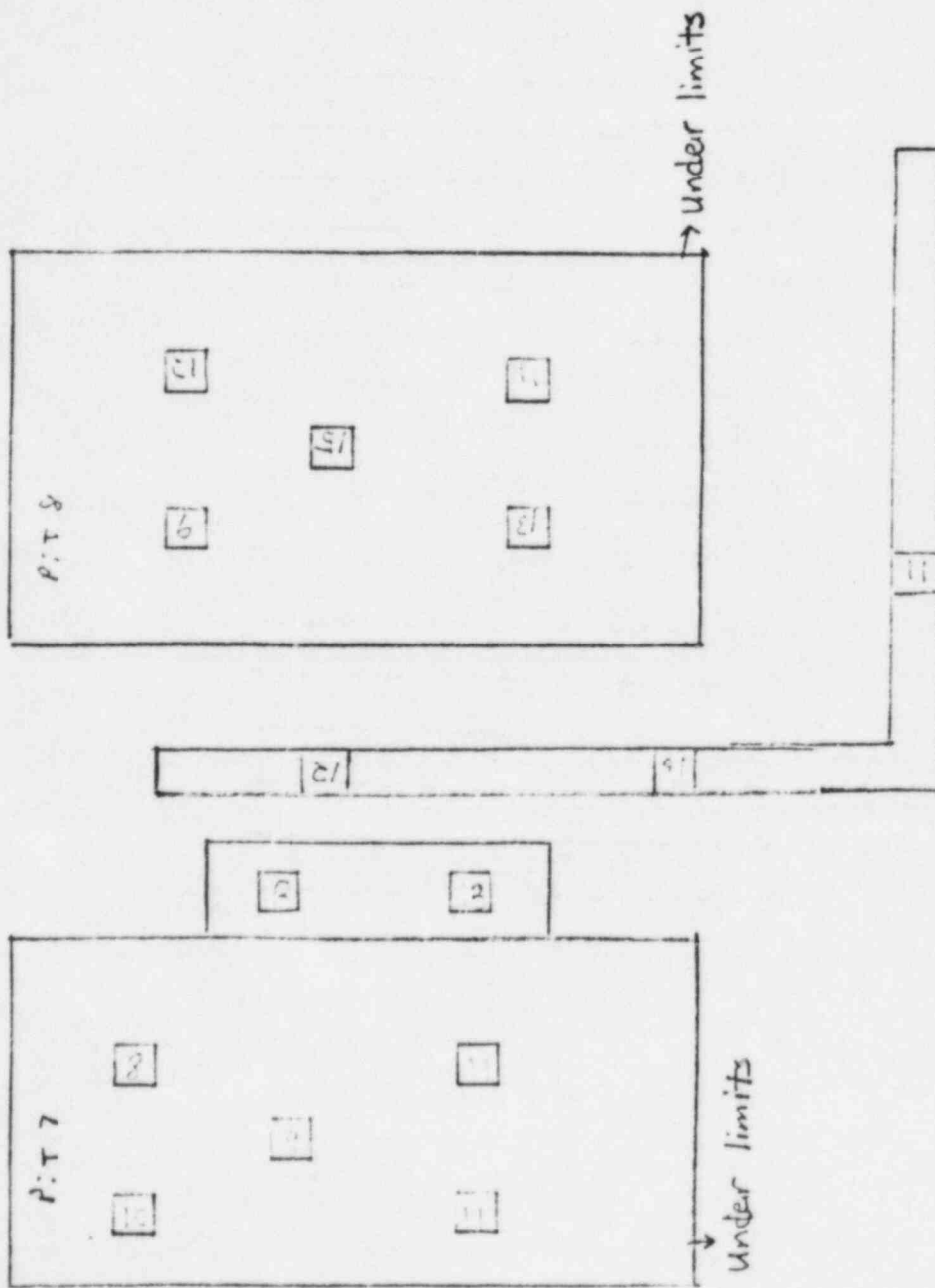
NOTE: A SQUARE  WILL BE SHOWN WITH A NUMBER IN IT, AND THIS REPRESENTS READINGS AFTER DECONTAMINATION WAS DONE ($\mu R/hr$)



PIT 7 & PIT 8 ARE UNDER THE LIMITS
 • They do not need to be decontaminated



R&R TRACKS



DOCKET NO. 40-6940
CONTROL NO. 25302
DATE OF DOC. 05/23/85
DATE RCVD. 05/29/85
FCUF ☒ PDR ☒
FCAF _____ LPDR _____
WM _____ I&E REF. ☒
WMUR _____ SAFEGUARDS _____
FCTC _____ OTHER _____

DESCRIPTION:

advising you of
their progress in
the clean up of
their Reading, Tulpehocken
Street site

05/31/85 INITIAL CEE