

OFFICE MEMORANDUM

TO : Margaret Anne Rogers, H-8, MS 737 DATE: February 3, 1976

Thru : J. R. Buchholz, H-7, MS 518 *JR*
T. K. Keenan, H-7 Group Leader, MS 518 *TK*

FROM : Paul E. McGinnis, H-7, MS 518 *P.E.M.*

SUBJECT : ACTIVITIES AT AREA T, TA-21 DURING 1975

SYMBOL : H7-76-PEM-86

Ref : Memo H8-WM-552

ITEM

RESPONSE

1234
TA 21

1 The retrievable storage area containing 20' x 30" dia. corrugated metal pipe (CMP) was put into use on 12/31/75. At present there are 40 CMP in place with 18 lengths on hand for placement. Each length will contain approximately 2.8 m of cement paste. Approximately .3 m of this capacity is used to provide a nonradioactive "cap" on each end. The whole area will contain many more CMP than are presently in place and will be utilized as the need arises.

2

<u>Pit #</u>	<u>Date Drilled</u>	<u>Dimensions</u> (1)	<u>Date Put Into Use</u>
6	3/20/75	8' dia x 26'10" (3' pilot)	7/17/75
6-15	3/25/75	6' dia x 66'6" (4' pilot)	5/13/75
6-16	8/15/75	6' dia x 67'4" (3'7" pilot)	8/21/75
6-10	8/20/75	6' dia x 67'10" (3'6" pilot)	10/17/75
6-27	10/10/75	6' dia x 65'6" (3' pilot)	
6-22	9/30/75	6' dia x 64'0" (3' pilot)	
6-18	12/1/75	6' dia x 64'8" (3' pilot)	
6-23	10/15/75	6' dia x 24'0" (no pilot)	12/11/75
6-20	10/30/75	6' dia x 66'0" (3'6" pilot)	12/16/75

(1) Note: all pilot holes are 4' dia.



TO: Margaret Anne Rogers -2-

DATE: February 3, 1976

ITEM

RESPONSE

3.	Pit #	Date of Use	Date Capped	Volume	²³⁹ Pu	Equiv. ²³⁹ Pu
				Cement Paste liters		
	59	12/20/74- 2/ 7/75	9/26/75	77,400	61	1980
	43	2/ 7/75- 4/ 3/75	9/10/75	89,000	64	2080
	57	4/ 3/75- 4/22/75	9/26/75	37,200	35	700
	47	4/25/75- 5/13/75	9/10/75	35,100	22	880
	6-15	5/13/75- 7/ 2/75	7/23/75	52,800	115	1980
	6	7/17/75- 8/ 4/75	9/10/75	35,000	15	700
	6-16	8/21/75-10/ 9/75	Not Capped*	52,600	43	3010
	6-10	10/17/75-12/11/75	Not Capped*	52,400	79	1780
	6-23	12/11/75-12/16/75	Not Capped*	18,000	32	430

4. The new fencing of the area was completed June 12, 1975.
5. The only special projects conducted in Area T by H-7 was the initiation of the retrievable storage mentioned in Item 1.
6. The latest drawing for Area T includes the retrievable storage area. That drawing no. is ENG-21-34
7. No photographs were requested by H-7 apart from those taken of the new pit area. If you will recall H-8 requested pictures at the same time of the area.

General's
Tanks

(Area A) In March of 1974, an SOP was written (see attachment) to cover the excavation of an area over each of the two General's tanks and the transfer of the waste contained therein. The excavation was completed in 1974 and the first volumes of waste (40,000 liters) were transferred to TA-21-257, June 19, 1975. The treatment of this waste began the second half of CY1975. Present plans are being finalized to permit filling the General's tanks (the east tank is now empty) with cement paste from the pug mill at Bldg. 257. In conjunction with these plans, two 4' dia. shafts were excavated in Area A December 3, 1975. The depths of these shafts are 65'1" and 64'10", and are located in the southeast corner of Area A. These shafts will be used to retain the transfer hose rinse water for clarification. After 24-48 hours the supernatant will be pumped to the influent holding tanks at Bldg. 257.

PEM:bh

Enc: a/s

* Capped the week of March 8, 1976