

LABORATORY USE ONLY

REQUEST FOR ANALYSIS

Region I Laboratory

CONTROL NUMBER

301523

SAMPLE LOCATION (LICENSEE)

Gen. Elect. 3198 Chestnut St. Phila, PA

LICENSE NO.

37-02006-05

DOCKET NO.

030-06046

SAMPLES SUBMITTED

#(TOTAL)	TYPE	VOLUME	WEIGHT
22	Wipes	—	—

DATE SAMPLES SUBMITTED

Aug 13, 1992

PRIORITY

☒ ROUTINE
☐ URGENT ***

SAMPLE COLLECTION INTERVAL

	MONTH	DAY	YEAR	TIME
START	8	13	92	10:00 am
STOP	8	13	92	11:00 am

INSPECTOR RESPONSIBLE

Eric H. Roper

PHONE EXT.

x5276

ANALYSIS TO BE PERFORMED

LIST DESIRED
LLD (Optional)

OTHER TYPE OF ANALYSIS (Specify)

LIST DESIRED
LLD (Optional)

☒	GROSS ALPHA			
☒	GROSS BETA			
☒	GAMMA SPEC			
☐	TRITIUM			
☐	CARBON-14			
☐	IODINE-125			

REMARKS

NOTE: Samples will be discarded after analysis unless reasons are noted above in Remarks.

*** FOR URGENT USE ONLY — Signature Blocks below must be filled out by the Inspector's appropriate Section Chief and by the Chief, Effluents Radiation Protection Section BEFORE submitting this form to the Region I Laboratory.

SIGNATURE — APPROPRIATE NUCLEAR MATERIALS SAFETY SECTION CHIEF

DATE

SIGNATURE — CHIEF, EFFLUENTS RADIATION PROTECTION SECTION

DATE

264

SAMPLE RECORD SHEET
REGION I LABORATORY

LAB CONTROL NUMBER **301523**

☒ ROUTINE ☐ URGENT DATE NEEDED

SAMPLE LOCATION <i>General Electric</i>		DATE ANALYSIS BEGAN <i>8/26</i>	DATE COMPLETED <i>9/10</i>	ANALYZED BY <i>ntn</i>	DATE
COLLECTED BY <i>6 Peter</i>	DIVISION	PHONE	CONTACT NOTIFIED <i>1</i>	DATE	APPROVED BY <i>JOE</i>
				DATE <i>9-11-92</i>	

SAMPLE				ANALYZE FOR	INSTRUMENT USED	QUANTITY USED	DATE COUNTED	COUNT TIME	GROSS COUNT	BACK GROUND	NET COUNT	EFF.	RESULT ± 1σ
NO.	DATE	TIME	DESCRIPTION										
1	8/13	1100		<i>gross</i>	<i>LB</i>	<i>1 wye</i>	<i>9/11</i>	<i>10 min</i>	5	4	1	0.21	<i>0.5 ± 1.4</i>
2									8		4		<i>2 ± 2</i>
3									3		-1		<i>-0.5 ± 1.3</i>
4									5		1		<i>0.5 ± 1.4</i>
5									3		-1		<i>-0.5 ± 1.3</i>
6									1		-3		<i>-1 ± 1</i>
7									2		-2		<i>-1 ± 1</i>
8									6		2		<i>1 ± 1</i>
9									2		-2		<i>-1 ± 1</i>
10									1		-3		<i>-1 ± 1</i>
11									5		1		<i>0.5 ± 1.4</i>
12									3		-1		<i>-0.5 ± 1.3</i>
13									4		0		<i>0 ± 1</i>
14									4		0		<i>0 ± 1</i>
15									4		0		<i>0 ± 1</i>
16									1		-3		<i>-1 ± 1</i>
17									2		-2		<i>-1 ± 1</i>

*Random uncertainties reported are 1 standard deviation, 1σ. small negative and other results ≤ 2σ are interpreted as including "zero" or as not detected. If appropriate, estimates of possible systematic errors are reported in parentheses.

Region I FORM 304
(8/88)

U.S. NUCLEAR REGULATORY COMMISSION

LAB CONTROL
NUMBER

301523

SAMPLE RECORD SHEET
REGION I, LABORATORY

SAMPLE LOCATION				DATE ANALYSIS BEGAN				DATE COMPLETED				ANALYZED BY		DATE			
COLLECTED BY				DIVISION		PHONE		CONTACT NOTIFIED				DATE		APPROVED BY		DATE	
SAMPLE				ANALYZE FOR	INSTRUMENT USED	QUANTITY USED	DATE COUNTED	COUNT TIME	GROSS COUNT	BACK-GROUND	NET COUNT	EFF	RESULT $\pm 1\sigma$				
NO.	DATE	HOUR	DESCRIPTION														
18				gross 2	LB 5100	wipe	9/11	10 min	2	4	-2	0.21	-1 ± 1				
19									3		-1		-0.5 ± 1.3				
20									1		-3		-1 ± 1				
21									1		-3		-1 ± 1				
22									3		-1		-0.5 ± 1.3				

* Random uncertainties reported are 1 standard deviation, 1σ . small negative and other results $\leq 2\sigma$ are interpreted as including "zero" or as not detected. If appropriate, estimates of possible systematic errors are reported in parentheses.

Region I FORM 304 (8/88)				U.S. NUCLEAR REGULATORY COMMISSION				LAB CONTROL NUMBER 301523					
SAMPLE RECORD SHEET REGION I LABORATORY								ROUTINE		DATE			
								URGENT		NEEDED			
SAMPLE LOCATION				DATE ANALYSIS BEGAN		DATE COMPLETED		ANALYZED BY		DATE			
COLLECTED BY				DIVISION		PHONE		CONTACT NOTIFIED		DATE			
APPROVED BY										DATE			
NO.	DATE	HOUR	DESCRIPTION	ANALYZE FOR	INSTRUMENT USED	QUANTITY USED	DATE COUNTED	COUNT TIME	GROSS COUNT	BACK GROUND	NET COUNT	Eff.	RESULT $\pm 1\sigma$
1				gross β	LIB 5100	wipe	9/	10 min	22	14	8	0.27	3 $\pm$ 2
2									27		13		5 $\pm$ 2
3									11		-3		-1 $\pm$ 5
4									13		-1		0 $\pm$ 2
5									11		-3		-1 $\pm$ 5
6									19		5		2 $\pm$ 2
7									20		6		2 $\pm$ 2
8									14		0		0 $\pm$ 2
9									18		4		1 $\pm$ 2
10									15		1		0 $\pm$ 2
11									24		10		4 $\pm$ 2
12									21		7		3 $\pm$ 2
13									20		6		2 $\pm$ 2
14									22		8		3 $\pm$ 2
15									22		8		3 $\pm$ 2
16									10		-4		-1 $\pm$ 2
17									6		-8		-3 $\pm$ 2

* Random uncertainties reported are 1 standard deviation, 1 σ . small negative and other results $\leq 2\sigma$ are interpreted as including "zero" or as not detected. If appropriate, estimates of possible systematic errors are reported in parentheses.

Region I FORM 304 (8/88)				SAMPLE RECORD SHEET REGION I LABORATORY				U.S. NUCLEAR REGULATORY COMMISSION				LAB CONTROL NUMBER 301523					
												ROUTINE		DATE			
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SAMPLE LOCATION				DATE ANALYSIS BEGAN				DATE COMPLETED				ANALYZED BY		DATE			
COLLECTED BY		DIVISION		PHONE		CONTACT NOTIFIED				DATE				APPROVED BY		DATE	
SAMPLE				ANALYZE FOR	INSTRU- MENT USED	QUANTITY USED	DATE COUNTED	COUNT TIME	GROSS COUNT	BACK- GROUND	NET COUNT	EFF.	RESULT $\pm 1\sigma$				
NO.	DATE	HOUR	DESCRIPTION														
18				gross B	LB 5100	wipe	9/	10. min	10	14	-4	0.27	-1 $\pm$ 2				
19									9		-5		-2 $\pm$ 2				
20									14		0		0 $\pm$ 2				
21									16		2		1 $\pm$ 2				
22									20		6		2 $\pm$ 2				