

8/22/64

Survey of ~~Safeguards~~ Safeguards Control for
SS material - once a year

1. Office survey -
(NMC Branch office)
look over contracts, licenses
2. Tour plant -
3. Physical Inventory
 - A. Listing (100%) to get info from book
- on All containers
 - B. Sample statistically -
Take 64 samples for all mixed materials
if the 64 are found without error can
expect 95% efficiency in program
 - C. Check weigh the 64 samples - to
determine if gross weight is correct
(done by NMC Branch office)
NMC check scales by means of
Bureau of standard weights -
 - D. Compare results with contractor -
(all analysis done by 7-12 or
new Brunswick Lab - give results
by element & isotopes) HLG

14	. 20709	1.41×10^{-12}	(2-9-66)
15	. 14648	1.6×10^{-12}	(5-10-66)
16	. 05735	1.73×10^{-12}	(5-11-66)
17	. 039874	1.49×10^{-12}	(4-14-66)
19	. 25854	1.30×10^{-12}	(4-13-66)
20	. 14404	2.44×10^{-12}	(3-25-66)
21	. 0562	1.66×10^{-12}	(3-28-66)
22	. 04675	1.79×10^{-12}	(3-28-66)
23	. 19599	(AML Residuals Key)	
		1.95×10^{-12}	(11-8-65)

4. Records Audit -

check at least 6% external transfers by contractor - may get this info from license record or other sources -

A. Set of significant supporting documents - check of analysis data etc

B. Audit of declared records = shippers -
- receiver differences (SR's)

- MUF's (material unaccounted for)

- NOL's (normal operating losses, spills, accidents etc)

C. Analysis of procedure manual + internal control -

(How does contractor control his program - if error is found what checks + counterchecks does contractor have etc -) Does contractor follow procedure?

D. Summary + report

1. Material Balance statements (from contractor information checked against AEC information)

5. Writing of report - Transmitted to AEC
NMM (Washington)

Solid Waste

31.5 Graves to date -

~~10/29/66~~

11-11-65 Kentucky

31.5 Graves sum -

20 containers

827

0-200	201-400	401-600	601-800	Above 800
20	217	407	608	
21	219	409	610	
28	221	443	616	
32 ✓	228	457	619	
43 ✓	236	464	622	
66	253	479	627	
86	262	485	648	
97	276	527	653	
100	295	534	658	
1129	337	561	660	
131	357	573	668	
153 ✓	369	587	678	
167 ✓	375		688	
188 ✓	376		699	
193 ✓	386		700	
196	389		723	
47 ✓			768	
			778	
			779	
			782	
			784	
			787	

Field notes

inspector 8/22 - 24, 1964

8/22/64 Guinn

Union Carbide

Union Carbide Ellis

Laurensburg, Tenn 5NM-797 (70-797) Laurensburg, Tenn

Meyer Edwards, T.P. & Criticality officer

J.E. Cheek, H.P. Technician

M.N. Burkett, production mgr

7. U-Remainer of weights on
containers -
May be errors but will be
more low centering

8. No statements made re
rejection of inventory.

9. Low Mechanism Flow
Sheet - Co: II never saw -
@ NMM discussed with
Burrhett item by item.

10.

900
270
630

4/26/66
Youngblood ^o ~~Grant~~
Ellis
Edwards
Burrhett
Chick

1. Will set inventory procedure - all materials
will be identified by tag number.

2. Will estimate amt on equipment
in High bay area as well as
all other equipment.

3. See 2 above

4. Crossover - It happened (Burrhett)

Cause:
(1) Vacuum cleaner used for both

(2) WANK required high purity
(15 PPM), if any questionable
was de-labeled & labeled AVR

(3) zone in equipment but cleaned -

5. Will label all containers

6. See 2 above