



SHIELDALLOY METALLURGICAL CORPORATION

DATE 10-20-92

MSG. # 3370

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TO: Mr. Jim Bondick
FROM: Craig Rieman
SUBJECT: FeCb product analysis
CC:

Jim,
Inventory as of 6/30/92
was:
U-238 30,426 kg
Th-232 245,318 kg

PRODUCT SAMPLES
FeCb

TELEDYNE ISOTOPIES
REPORT OF ANALYSIS

RUN DATE 05/12/92

WORK ORDER NUMBER 3-0781 CUSTOMER P.O. NUMBER DATE RECEIVED 04/09/92 DELIVERY DATE 05/12/92 PAGE 1

SCOTT DENNERLEIN
C/O TELEDYNE ISOTOPIES INC
50 VAN BUREN AVE
WESTWOOD N J 07675

S O L I D S

TELEDYNE SAMPLE NUMBER	CUSTOMER'S IDENTIFICATION	STA NUM	COLLECTION-DATE START DATE TIME	STOP DATE TIME	NUCLIDE	ACTIVITY (PCI/GM DRY)	NUCL-UNIT-% U/M *	MID-COUNT TIME DATE TIME	VOLUME - UNITS ASH-WGHT-% *	LAB.
72502	2024382B SHIELDALLOY ↑ Lot # Ferro Columbian	/	04/08	1510	GAMMA RE	SULTS VERBAL	*			
					U-234	3.0 +-0.3 E-01		04/15		6
					U-235	1.7 +-0.7 E-02		04/15		6
					U-238	3.3 +-0.3 E-01		04/15		6
					TH-230	1.2 +-0.4 E-01		04/14		6
					TH-232	4.1 +-0.7 E-01		04/14		6
					TH-228	5.4 +-0.8 E-01		04/14		6
72503	2024382A SHIELDALLOY ↑ Lot # Ferro Columbian	/	04/08	1510	U-234	5.6 +-1.5 E-02		04/15		6
					U-235	4.5 +-4.4 E-03		04/15		6
					U-238	5.5 +-1.5 E-02		04/15		6
					TH-230	L.T. 2. E-02		04/14		6
					TH-232	2.2 +-2.0 E-02		04/14		6
					TH-228	9.2 +-5.7 E-02		04/14		6

LAST PAGE OF REPORT

APPROVED BY *J. Guenther* J. GUENTHER 05/12/92

SEND 1 COPIES TO T5509Z SCOTT DENNERLEIN

2 - GAS LAB. 3 - RADIO CHEMISTRY LAB. 4 - GE(LI) GAMMA SPEC LAB. 5 - TRITIUM GAS/L.S. LAB. 6 - ALPHA SPEC LAB.

*Per Craig Reiman
They don't have an
analysis for
Columbian nickel alloy,
but he expects the
analysis to be similar*