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Attachment Fm 32

Contract No: SPO833-00-S-00136 Commodity: Zirconium, Pile 111A

Clean and soundness gondola cars were placed next Pile 111A by assigned DNSC-OLNH personnel. These gondola cars were loaded as described on previous page into description of packaging box. Loaded railcars were moved from Pile location to scale area to heavy weigh.

Prior to movement (gondola car) from pile site, ore was removed from edge's of gondola cars.

During gross weighing process, if gondola car is light/heavy in weight, then material either was added or removed by Land Rail, Inc outloader personnel. The commodity adjusted by KOBELCO Mark III SK 200LC track hoe loader with 1.5 Cu Yd., back hoe type-bucket. The excessive material placed either onto stone box (Marked: BH-9- Cyds, Union City, MI GME, own by Land Rail Inc) or small truck (MACK, Lic Plate No 5687E IN, capacity 26,000 Lbs, also own by Land Rail Inc). Dresser, 729 front end payloader was also used for material adjustment. This payloader was used to transferred material from pile site to scale site without spillage commodity.

For each gondola car's gross capacity weight was not more then 263,000 Lbs.
This gross weight capacity was sum of marked load limit and marked light weight.
Load limitations were IAW Federal, State, and Local regulations. All gondola cars were loaded IAW A J Ross instructions.

All gondola cars were shrink-wrapped prior to transporting from New Haven, IN to CANON CITY, CO, due to radioactive commodity was loaded, and to protect from wind.

Materials/equipments/tools used: Polyethylene Plastic, tape, Propane heat gun, Propane, Ladder, Large Scaffold.

Shrink-wrap by: J John Hutchinson, owner and his workers of Dura-Wrap Containments & Plastics Supply, company. P. O. Box 2374, Palmer AK 99645. (907)-373-3443.

Zirconium ore has traces of natural radioactivity, therefore, who ever worked on this project were assigned TLD Badges on daily basis (Except welding workers). This TLD badges recorded in Personnel Dosimetry Check Out Log by OLNH, personnel, New Haven Depot.

While car is on scale or near by radiation readings were taken by the undersigned, QAS. See attached monitoring radiation sheet.

Week of 11 Dec 00: Pile No 111A, has been shipped in its entirety. All recoverable ore has been removed.

Date: 06 Dec 00: This date outloading/weighing was witnessed. A total of six cars were loaded from Pile 111A. Only three cars were heavy weighed. Contractor was welding/fixing rejected cars. Dura-Wrap Containments & Plastics Supply worked on Shrink-wrapping project. Following cars are only monitored for Radiologic Readings,

Weather: 14 F, Fair, cold, late after noon approx one inch snowed.

Date 07 Dec 00: This date a total of 13 cars were heavy weighed. No weighing was performed.

Radiologic readings were obtained as listed below.

Weather: 18 F, cold, light snow coating on ground due to over night snow flurries. Snowing late after noon.

Date 08 Dec 00: No loading, 11 cars heavy weighed, Radiologic readings were obtained as listed below.

Weather: 19 F, Light wind, snow on ground.

Geiger Counter (GC): Eberline Model E-520, S/N: 3135, Date Calibration: May 09, 2000.

Fag Meter (FAG): FH40F6 Anzeigeber, Fag Kugelfischer - Werk Erlangen, Model No 5-0002, S/N: 77-390

Date-Calibration: 12-20-99, Due Date: 12-20-00.

Contract No: SPO833-00-S-00136

Release No: New Haven

All reading are in mR/hr. Background: 0.025 MR/hr.

<u></u>	Date	Date		Instrument	1	1
CAR	Loaded	Heavy	Reading	Used	CONTACT	20 FT
NUMBER	Louded	Weight	Date	* GC/FAG	CONTACT	2011
AEPX2227	6-Dec-00	6-Dec-00	6-Dec-00	GC	.0309	.0304
AEPX677	6-Dec-00	6-Dec-00	6-Dec-00	GC	.03-064	.03045
AEPX3099	6-Dec-00	6-Dec-00	6-Dec-00	GC	.0305	.0304
AEPX2048	6-Dec-00	8-Dec-00	7-Dec-00	GC	.0309	.0304
AEPX2951	6-Dec-00	8-Dec-00	7-Dec-00	GC	.0314	.02504
AEPX678	6-Dec-00	8-Dec-00	7-Dec-00	GC	.0309	.02503
AEPX880	7-Dec-00	8-Dec-00	7-Dec-00	GC	.04095	.02504
AEPX303	7-Dec-00	8-Dec-00	7-Dec-00	GC	.0309	.03045
AEPX887	7-Dec-00	8-Dec-00	7-Dec-00	GC	.0712	.0506
AEPX3064	7-Dec-00	8-Dec-00	7-Dec-00	GC	.0611	.05 .07
AEPX3198	7-Dec-00	8-Dec-00	7-Dec-00	GC	.0411	.02505
AEPX2214	7-Dec-00	8-Dec-00	7-Dec-00	GC	.0507	.0405
AEPX1102	7-Dec-00	8-Dec-00	7-Dec-00	GC	.0415	.0405
AEPX299	7-Dec-00	8-Dec-00	7-Dec-00	GC	.0308	.0304
AEPX2396	7-Dec-00	8-Dec-00	8-Dec-00	GC	.06 .12	.0508
AEPX1041	7-Dec-00	8-Dec-00	8-Dec-00	GC	.0615	.0508
AEPX707	7-Dec-00	8-Dec-00	8-Dec-00	GC-	.082	.05 .08
AEPX216	7-Dec-00	8-Dec-00	8-Dec-00	GC	.0812	.0507
AEPX2240	7-Dec-00	8-Dec-00	8-Dec-00	GC	.0815	.0508