LICENSEE: U.S.T	ESTING CO. INC.	REPOR	RT NO 91	-00/
ADDRESS: 1415 PA		· · · · · ·		
Hobok	W. New Jerrey			
	07030			
LICENSEE CONTACT:	Joe Mohrbacker	TELEP	HONE NO	
LICENSE NUMBER	DOCKET NUMBER	CATEGORY	PRIORITY	PROGRAM CODE
29-02477-05	070-14548	K	-7 -4	<u> 3123</u> <u> </u>
INSPECTION DATE (S)	1/18/91	· .	TYPE OF INS	PECTION
LOCATION(S)			SPECIAL	ROUTINE
			ANNOUNCED	/ UNANNOUNCED
SUMMARY OF FINDINGS	AND ACTION	<u>/ v /</u>	DAYSHIFT	// BACKSHIFT
NO NONCOMPLIA		· ACTION O	N PREVIOUS	NONCOMPLIANCE,
/ NO NONCOMPLIA			APPEND	
/ / NONCOMPLIANCE	· · · · · · · · · · · · · · · · · · ·		APPEND	IX C
/ NONCOMPLIANCE				e de la companya de l
PERSONS CONTACTED (N				. ·
	Director Congra-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
LINDA MONROE,	,	4		
Michelle Piepoli				
Tim Kronder, C				· ·
Bruce Monroe	ASST DIRECTOR	Rad Safa	7	
Jerone Gami	Arr. Dincon 1	Co J Tolox	<u> </u>	
attended exit meet	ing /			
Inspector Signature,	Date	Inspe	ctor Signat	ure, Date
APPROVED Signature	Day of	1/24/91		·

			RES	U:TS
1.	ORG	GANIZATION	0	NC
	a .	Describe the management structure.	С	NC
				,
	b .	Describe the radiation protection organization.	(c)	NC
		Mohabacher, Dinean		
		Grimi + Moder		
—(<u>c</u>)	Individuals identified in the license as being responsible for the programs still hold these positions. L. Monroe currently involved in 1	C	NC Luchana
	d.	Radiation Safety Committee operates as required	. C	NC NA NI
		 meeting frequency: records maintained records reviewed by inspector for period		/n/na/ni
•		4. required persons in attendance	. У	/n/na/ni

Comments

Management control programs conducted as required.

records maintained

Describe scope, frequency, etc.

people for heaven. On 1/27/10 I come required and made nome Richard Housey RSO with Mahabacher or backing We made det. call 10/5/50 - or that three Mahabacher proposed warmy Kotted Mulliss or RSO. + promise to subject 1060. At their of Ingertally Mulliss was no larger w/ Company - Linda Monroe Now bord proposed os RD.

(C) NC NA

y/n/na/ni

			RESULTS		
2.	SCOPE OF LICENSED ACTIVITIES	С	NC		
	a. Describe the types of current activities.	C	NC		

b. Describe the current workload in terms of number of workers, quantities of radioactive material used each week/month/year, frequency of use, other appropriate information.

gays now intrequetly our of Hoboken for soil chairing
(7) gays in Hoboken (2) trogged our (nor use) In to
leak tex - tog indicate (1) 7411(6) trogged our 8/90(1) Book
going listed out 6/90

c. Describe any changes since the last inspection, and any which may be planned.

business decused out of Hobelean

Comments

gage Ican ples living Localing is Jim Thop, for,
RSO reporces much presher portrig in Jim Thop.

Licensee Los submitted (4) odd money sites that my on
my may be permanely - curredly opened not Merck as
terporcy bosis perdo; president.

			RESULTS
3.	TR	AINING AND INSTRUCTIONS TO EMPLOYEES	C NO
	a.	Instruction to all persons working in a restricted area (19.12).	C NC
	ь.	Additional required training for users and other specified workers.	C NC NA NI
		1. approved training program 2. training provided by	y/n/na/ni
		 users complete on-the-job training tests are given 	y/n/na/ni
		a. written	y/n/na/ni
		b. oral	y/n/na/ni
		c. practical	y/n/na/ni
		d. records of tests maintained	y/n/na/ni
		e. deficiencies noted	y/n/na/ni
		5. test results reviewed by NRC inspector for period to	y/n/na/ni
	С.	Periodic training is implemented	C NC NA NI
		as required. each site provide a low track. 1. records of retraining maintained	Gred many
		Training for guestion would	7
		1. records of retraining maintained	y/n/na/ni/
		Describe frequency and scope of periodic training	
	d.	Employees interviewed appeared familiar with sa	afe C NC NA NI

Comments

Licensee anthoused to took our postable gay usus, Thokseld Named as Mayones Walle + Harald Dory > both left 14 1990.

Mohabackea stored that wear are thokseld by Traxler, this authorsald only for flexibility, not willied

handling practices and other requirements.

		. · ·	RES	SULTS			
	<u>T:4</u>	ERIALS	(0)	NC			
	a.	Radioactive material as authorized by license.	©	NC			
		 type and quantity authorized inventory records maintained inventory records reviewed for period 1986 to pure 		d∕n g/n/n	a/ni ∽		
	X	Control of source material (Part 40) and special nuclear material (Part 70) as required.	С	NC	(NA)	NI	
		 transfers in accordance with 40.51/70.42,70.5 records and inventory required by 40.61/70.51 reports in accordance with 40.64/70.53, 70.54 	7	//n/n //n/n //n/n	a/ni	-	
om:	rents						
		5c = Ni 67 somer (9)					
	8	John - Truster (2) 34116) (1) Noot John	•				

- colibrations listed and license

RESULTS C) postings and labelings as required NC y/n/na/ni 20.203(b) radiation area y/n/(na)/ni 20.203(d) airborne radiation area (y)n/na/ni 20.203(e) use or storage areas posted with "Caution - Radioactive Material" 20.203(f) containers and devices (y)/n/na/ni properly labeled (y)n/na/ni 19.11(a)(b) posting of documents ͡y/n/na/ni 19.11(c) posting of NRC-3 20.203(c) high radiation areas ัy/n/ผู้กลึ√กi NC. Security of licensed material is maintained. y∕n/na/ni locked in device cabinet or room secured to prevent unauthorized ý)n/na/ni removal from an unrestricted area yYn/na/ni devices and materials secured at field location ΝI High Radiation Area operated as required. posted as required by 20.203(c)(1) yes/no 2. interlocked as required by 20.203(c)(2)(i) yes/no 3. entrance controlled in accordance with 20.203(c)(2) yes/no exit controlled in accordance with 20.203(c)(3) yes/no surveillance or locked to prevent unauthorized entry as required by 20.203(c)(4)yes/no visible and audible signals operate correctly to warn of the presence of radiation ves/no 7. alarm tested at required intervals yes/no 8. records of alarm system test maintained yes/no exposure devices and storage containers meet radiation level limits of 20.203 yes/no

Comments

			RESULTS
€.	INC	TRUMENTS, EQUIPMENT, AND DEVICES	© NC
	a.	calibrated and operable meters available and used properly.	C NC NA NI
		1. number, type, and ranges (e.g. 2, ion chamber, 1R/hr; 3, GM, 10,000 cpm) Number Type Range	for uses to how (2) medas 11 posseprion.
		 calibrated by: calibration method as authorized calibration interval as required Records reviewed by NRC inspector for the period	y/n/na/ni y/n/na/ni
	b.	other special equipment (ventilation, hoods, shielding, etc) operable and available as described in license. Description:	C NC NA NI
•			·

Comments

RESULTS

7.A. <u>T</u>	RANSPORTATION	(c)	NC NA NI
1.		173.415-416 173.415	yes/no
3. 4.	Performance test records on file	173.416(a)	yes/no
5.	on use () certified	173.416(b 71.12(c)(1)	.yes/no yes/no
6. 7.		71.12(c)(3)	yes/no
	program? NRC Q/A Approval number	71.12(b)	yes/no
8.	test records available for each	470 476()	
9.	a. Excepted	173.476(a) 172.403 (a-f)	yes/no/na yes/no
	b. White I C: Yellow II d. Yellow III		
10.		:	
11.		175.475(i) 172.300-310	yes/no yes/no
	a. shipping nameb. Spec No.c. Certificate of Compliance (COC)		yes/no
12.	No. etc. Shipping papers are prepared for		
13.		172.200	yes/no
14.		172.203(d)	yes/no
	 a. vehicles placarded as required b. cargo blocked, braced, tied down in vehicle 	172.500,504 177.842(d)	yes/no yes/no
15.	 any incidents reported to DOT 	177.15-16	yes/no
13.	that are readily accessible when transporting radioactive material	·	· ·

Comments

Trouspood 12 company vehicles, choiner in place

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	9		
		ļ	RESULTS
8. PE	SONNEL MONITORING		NC NA NI
à:	Personnel dosimetry assigned and worn as re	quired. (NC NA NI
	1. whole-body dosimeter used a film TLD b. exchange frequency:		⊘ /n/na/ni
	c. supplier (T) / d. supplier NVLAP accredited 10 CFR 20 2. extremity dosimetry used 3. workers observed wearing required dosim		y)n/na/ni y/n/na/ni y)/n/na/ni
(b)	Personnel dosimetry reports maintained as r		NC NA NI
	1. records reviewed by management frequency 2. NRC inspector reviewed personnel monitorecords from to free to free a. whole body quarterly dose: typical b. extremity quarterly dose: typical	rjng	
	3. Forms NRC-4, NRC-5 or equivalent record	s completed	y/n/na/ni
	4. Termination and annual reports to indiv and NRC, as required	iduals	y/n/na/ni
\	Formal ALARA program is implemented) NC NA NI
Comments			
	in Those fooding submits could so Woboker.		
Na	cover to Wobsker.		

	·	RE:	SULTS
9. <u>RA</u>	DIATION AND CONTAMINATION SURVEYS	(c)	NC
a.	Radiation and Contamination surveys	С	NC NA NI
	 radiation and contamination surveys recorded surveys performed at required 		y/n/na/ni
	frequency: 3. appropriate instruments used		y/n/na/ni y/n/na/ni
	 action limits observed, and post-docontamination surveys performed 		
-	when necessary 5. NRC inspector reviewed survey records		y/n/na/ni
	for the period to		
	6. maximum radiation levels in unrestricted area:		
b.	Airborne Radioactivity Surveys performed	С	NC NA NI
	 Air sampling in restricted areas a. maximum concentration levels: 		y/n/na/ni
	b. typical concentration levels: 2. bioassay procedures performed a. type(s)		y/n/na/ni
,	b. maximum results		
	c. typical results3. bioassay and air sampling records		
	maintained as required 4. Principal isotopes		y/n/na/ni
<u> </u>	Leak tests of sealed sources performed as required	(c)	NC NA NI
	 performed by user and method approved tested at required interval: 		y/n/na/ni y/n/na/ni
	3. records maintained		y/n/na/ni
	4. records reviewed by NRC inspector for the period 1986 to purch		
Comments			
-> I	and the second		
(egupent Inspecial or 14 inventory		

RESULTS EFFLUENT CONTROL, WASTE DISPOSAL ΝI Releases to the environment in accordance NC NA ΝI with requirements. 1. airborne releases are made y/n/na/ni a. evaluations adequate y/n/na/ni b. releases within limits (10 CFR 20.106) y/n/na/ni c. typical concentrations d. principal isotopes released liquid releases are made to y/n/na/ni (sewer, unrestricted) a. evaluations adequate y/n/na/ni b. releases within limits (10 CFR 20.106, y/n/na/ni 10 CFR 20.303) c. typical concentrations principal isotopes released 3. Records maintained y/n/na/ni Waste disposal in accordance with requirements C NC NA NI 1. methods: 60 derecan cells retrevel p 2. records of waste transfer maintained y/n/na/ni 3. surveys of waste containers and material in storage-for-decay performed y/n/na/ni 4. obliteration of labels y/n/na/ni c. Burial of licensed material done in past Yes/No 1. Location of past burials 2. types of materials buried types of surveys of area, results:

y/n/na/ni

Comments

d. 10 CFR 61 Requirements Reviewed

RADIATION SAFETY PROGRAM SEALED SOURCES INVENTORY (QUARTERLY)

100	IGNEE B. SChweibinz		·—·—		2-20-90
LUCA	ATION U.S. Testing Co., Inc	. Jim Thorpe, PA	QUARTER	4 th	19_
SPEC	CIAL INSTRUCTIONS	N/A			
	•		•	•	•
			•		
	Courant Manager				
	Source Material		_	_	
	Cs 137/Am 241/Be or Ra 226/Be	Nuclear (S/N	Sou S/N	rce mC
_					, <u>au</u>
1.	Cs 137	3411-B	4327	CC15538	7.
2.	Am 241/Be	•		<u>Caa562</u>	40
3.	Cs 137	3411-B	4744	CC15878	8.
4.	AM 241/Be	·		CAA805	40
5.	Cs 137	3411-B	6645	. CC3779	8.
6.	AM 241/Be			CAA2894	40
7.	Cs 137	3401	5645	CC2813	8.
8.	Am 241/Be			CAA1784	40
9.	Cs 137	3401	6913	CC4051	7.
0.	Am 241/Be			CAA5085	40
l .	Cs 137	3411-B	4107	401124	8.
2.	Am 241/Be			470159	40
					
emar	ks				
·					
		•			
				· · · · · · · · · · · · · · · · · · ·	
	et Manager Serman	09/10	~	Date 12-5	ao
ojec	t illinger / Comail	Y/V()/X/11/01 X~~			J- J U

RADIATION SAFETY PROGRAM NUCLEAR GAUGE INSPECTION (QUARTERLY)

Arsignee B. Schweibinz	DUE DATE 12-20-90 4th.	QTR. 19 90
	MODEL 3411-B S/N	•
LI CATION U.S. Testing Co.,	Inc. 616 North St. Jim Thorpe, PA 18229	
SPECIAL INSTRUCTIONS	N/A	
Item	Condition Checked For	S U
1. Nuclear Gauge	General operating condition	
2. Source Identification	Tag securely attached; Gauge labeled	<u>X</u>
3. Handle	Securely attached; Damage	<u>X</u>
1. Leak Test	Current leak test on file	<u>X</u>
5. Exposure Port	Dirt, damage and ease of movement	<u>X</u>
 Control Mechanism 	General ease of operation	<u>x</u>
7. Source Rod Handle and Connections	Dirt, wear or damage	<u>x</u>
3. Locking Mechanism	Dirt, wear and ease of operation	<u>x</u>
Shipping Container	General condition	<u>X</u>
For items which do not	apply, mark "N/A" in the "S" box.	
Items found to be unsaint action taken to correct	atisfactory and that are not corrected, these conditions.	indicate
E ARKS		·
SIGNATED REPRESENTATIVE	Burne Achwile DATE 12-	-5-90