

FieldAct.dot
Rev. 10/20/2004

Texas Department of State Health Services
Inspection Unit
Field Activity Report

Activity Date 03/03/2005

(Use this form for Field Activities only)

Compliance No. =>

Name and Address of Licensee HALLIBURTON ENERGY SERVICES INC ATTN D DWAIN BROWN P O BOX 60070 HOUSTON TX 77205		License No.: L00442- Issued In: Texas Expiration Date: Inspection Region: 6 Use Code: 053 Type of Use: well logging, sealed source
Address of Activity		Activity Description: R. S. O. RSO Phone No. 2818715745 Site Phone No.
Compliance Notice to (Name, Title, Address)		Copy of Notice to (Name, Title, Address)
Incident #: N/A		
Persons contacted:		
Accompanying Inspector(s)		
Inspector: D. Ray Jisha	Reviewed by:	
Report Date: 03/11/2005	Date Reviewed:	

March 3, 2005, Halliburton notes from Dwaine Brown, RRPT, Global Lead Radiation Safety Officer (RSO); Updated after interview with Elizabeth Foltz, RSO, L00442, Halliburton Energy Services, March 15&16, 2005 in Houston, TX at the corporate offices.

On February 8, 2005, Halliburton reported lost sources. The 18.5Ci AmBe well-logging source and a 0.5mCi AmBe calibration source shipment originated in a field camp in Russia where it was used under proper authority of a Radioactive Material License issued to Halliburton from that country. From there it arrived in Moscow on September 8, 2004. After passing through Amsterdam and Luxemburg the package cleared customs in New York at JFK airport on October 9, 2004. [It must be noted that arrangements for shipping the sources was contracted out to another party by Halliburton.] This shipment under Department of Transportation (DOT) rules was required to have a "yellow III" label with a Transport Index of 8 and the complete package consisted of a 85kg Type A container. It appears that due to the far more stringent DOT requirements for "Yellow III" shipments, there is now great difficulty nationwide in securing a shipper or carrier for any of these packages. As such the contractor insisted that they could not secure a shipper and the package sat at JFK and presumably the airport holding area at Newark NJ. It was not until February 8, 2005, a period of some four months, that the licensee's RSO made a determination that the shipment was actually lost or misplaced to the point that it could not be located. At all times prior to this date, the licensee was given solid assurance that the package was properly stored in the haz-mat areas of these respective airports. However at sometime during this period, the adhesive type "Yellow III" labels presumably separated and apparently curled off the shipping container. [It should be noted that the DOT required markings on the container remained in tact at all times.] One scenario suggested is that a shipper who was charged with transporting another 85kg package to Boston, mistook that cargo for the Halliburton sources and shipped the Halliburton package to Mass.

ENCLOSURE 1

The Nuclear Regulatory Commission (NRC) HOO was notified February 8, 2005 and the situation was classified as a "NON EMERGENCY, LOST/STOLEN source LNM>1000X 10CFR Section:20.2201(a)(1)(i)". On February 9th the licensee was notified that shipment was in Boston and on the 10th the RSO flew to Boston and verified the same. Arrangements by the RSO was secured that day and the shipment was successfully received intact in Houston, TX February 12, 2005. Video cameras purportedly documented the movements of the package to Boston. Further, the shipping container was never compromised, the container was stored in appropriate haz-mat designated areas, and the air freight workers or members of the public were apparently never under any more significant threat than is posed with other like shipments. In essence, the package was in transit and thus subject to federal DOT rules during the entire five month period having never been received by a licensee or under the possession of any licensee.

Texas Department of State Health Services
Inspection Unit
Compliance Activity Data Form

Permit Data:

Permit Type and Number: **L00442** Site Number: _____ *URGENT - ROUTE TO:* _____

Activity City: _____ Prime Use Code: _____

Name: **HALLIBURTON ENERGY SERVICES INC**

Activity Data:

Activity Code: _____ Inspection Use Code: **053** Activity Date: **03/03/2005**

Inspector Name: **D. Ray Jisha** Activity Description: _____

Preparatory	Travel	Waiting	Activity	Report	Total	Cost
0.0	0.0	0.0	0.0	0.0	0.0	\$ 0.00

Inspector Comments: _____

Low Level Waste*: Record Volume in cubic feet (ft³), [55 gallon drum = 7.35 ft³].

Volume Generated/Year: _____ Principle isotopes, form, and approximate activities of each: _____

Volume in Storage: _____ Principle isotopes, form, and approximate activities of each: _____

* Do not record waste that can be held for decay and disposed of in a landfill.

Review Data:

Inspection Status Press F4: _____ Next Due Date (required if "Special" inspection status is selected): _____

	Code	Count	S	L	Code	Count	S	L	Code	Count	S	L	Code	Count	S	L
1 st																
5 th																
9 th																

Reviewer Comments: _____

Reviewer: _____ Date Reviewed: _____ Data Entry: _____ Date Entered: _____