

## MATERIALS DATA REPORT - INDUSTRIAL, MEDICAL, SOURCE SPECIAL NUCLEAR

## A. TYPE OF ACTION AND IDENTIFICATION CODES

<input checked="" type="checkbox"/> NEW LICENSE	<input type="checkbox"/> AMENDMENT TO RENEW LICENSE	<input type="checkbox"/> AMENDMENT TO TERMINATE	<input type="checkbox"/> VOID	DOCKET NUMBER	MAIL CONTROL NUMBER	CHANGE NAME-ADDRESS ("X" box)
1 NEW LICENSE AND NEW LICENSEE	<input type="checkbox"/> OTHER AMENDMENT	<input type="checkbox"/> CLERICAL CHANGE NO AMENDMENT	1	030-20094	13469	<input type="checkbox"/>

## B. INDICATIVE INFORMATION

INDIVIDUAL LICENSEES	NAME (Last, First, Middle)	NAME (Last, First, Middle)
	NAME (Last, First, Middle)	NAME (Last, First, Middle)
	NAME (Last, First, Middle)	NAME (Last, First, Middle)
ORGANIZATION	ORGANIZATION NAME (Alphabetic Sequence) Halliburton Industrial Services, Inc.	
LICENSEES	DEPARTMENT OR BUREAU	
ADDRESS	BUILDING, STREET 1015 Bois D'Arc	CITY Duncan
	STATE OK	ZIP CODE 73536
6	TYPE OF APPLICANT 333	U.S. GOVERNMENT AGENCY INDIVIDUAL LICENSEE ORGANIZATIONAL LICENSEE
	DATE REQUEST RECEIVED 01/03/83	INSTITUTION CODE 10502
	PENDING PROG. CODE 03120	ACTUAL PROG. CODE 03220
SECONDARY PROGRAM CODES (As required)		
#1 #2 #3 #4 #5		
LICENSE NUMBER 25-0-512-05		
DATE LICENSE ISSUED OR ACTION COMPLETED 2-27-83		
EXPIRATION DATE 2-27-88		

## C. STATISTICAL INFORMATION

MEDICAL CATEGORY	FOR HUMAN USE ONLY	FOR HUMAN AND NONHUMAN USE	FOR NONHUMAN USE ONLY			
POSSESSION OF THE MATERIAL IS AUTHORIZED IN ONE OF THE FOLLOWING AREAS:						
AND/OR IN THE STATES, TERRITORIES, COUNTRY CHECKED (not right)	NORTH STATES - ADDRESS		ALL STATES		ALL NON-AGREEMENT STATES	
	AL ALABAMA	GA GEORGIA	MD MARYLAND	NJ NEW JERSEY	SC SOUTH CAROLINA	WY WYOMING
	AK ALASKA	HI HAWAII	MA MASSACHUSETTS	NM NEW MEXICO	SD SOUTH DAKOTA	
	AZ ARIZONA	ID IDAHO	MI MICHIGAN	NY NEW YORK	TN TENNESSEE	AS AMERICAN SAMOA
	AR ARKANSAS	IL ILLINOIS	MN MINNESOTA	NC NORTH CAROLINA	TX TEXAS	CZ CANAL ZONE
	CA CALIFORNIA	IN INDIANA	MS MISSISSIPPI	ND NORTH DAKOTA	UT UTAH	GU GUAM
	CO COLORADO	IA IOWA	MO MISSOURI	OH OHIO	VT VERMONT	PR PUERTO RICO
	CT CONNECTICUT	KS KANSAS	MT MONTANA	OK OKLAHOMA	VA VIRGINIA	VI VIRGIN ISLANDS
	DE DELAWARE	KY KENTUCKY	NE NEBRASKA	OR OREGON	WA WASHINGTON	
	DC WASHINGTON DC	LA LOUISIANA	NV NEVADA	PA PENNSYLVANIA	WV WEST VIRGINIA	CN CANADA
FL FLORIDA	ME MAINE	NH NEW HAMPSHIRE	RI RHODE ISLAND	WI WISCONSIN		

## D. POSSESSION LIMITS OF SOURCE AND SPECIAL NUCLEAR MATERIALS AND TRITIUM

SOURCE MATERIAL CEILING		G - GRAMS		SNC CEILING		G - GRAMS		IF FOR POWER REACTOR	
		Kg - KILOGRAMS				Kg - KILOGRAMS		("X" here)	
MATERIAL	AMOUNT	UNIT	CONFIG	ENRICH	MATERIAL	AMOUNT	UNIT	CONFIG	ENRICH
US - U235		G S					G S		
		Kg UNS					Kg UNS		
U3 - U233		G S					G S		
		Kg UNS					Kg UNS		
PU - Plutonium		G S					G S		
		Kg UNS					Kg UNS		
UR - Uranium		G S					G S		
		Kg UNS					Kg UNS		
TH - Thorium		G S					G S		
		Kg UNS					Kg UNS		
		G S					G S		
		Kg UNS					Kg UNS		
		G S					G S		
		Kg UNS					Kg UNS		
H3 Tritium		G S					G S		
		Kg UNS					Kg UNS		
		CURIES		RIS CODES					
		MILLCURIES							
		MICROCURIES							

## MATERIALS DATA REPORT - INDUSTRIAL, MEDICAL, SOURCE/SPECIAL NUCLEAR

## A. TYPE OF ACTION AND IDENTIFICATION CODES

<input checked="" type="checkbox"/> NEW LICENSE	<input type="checkbox"/> AMENDMENT TO RENEW LICENSE	<input type="checkbox"/> AMENDMENT TO TERMINATE	<input type="checkbox"/> VOID	DOCKET NUMBER	MAIL CONTROL NUMBER	CHANGE NAME/ADDRESS ("X" box)
<input type="checkbox"/> NEW LICENSE AND NEW LICENSEE	<input type="checkbox"/> OTHER AMENDMENT	<input type="checkbox"/> CLERICAL CHANGE NO AMENDMENT		030-20066	12460	

## B. INDICATIVE INFORMATION

INDIVIDUAL LICENSEES	NAME (Last, First, Middle)	NAME (Last, First, Middle)			
	NAME (Last, First, Middle)	NAME (Last, First, Middle)			
	NAME (Last, First, Middle)	NAME (Last, First, Middle)			
ORGANIZATION	ORGANIZATION NAME (Alphabetic Sequence) Fertilizer Industrial Services, Inc.				
LICENSEES	DEPARTMENT OR BUREAU				
ADDRESS	BUILDING, STREET 1017 20th Street	CITY, STATE, ZIP CODE Duquesne, PA 15116			
TYPE OF APPLICANT	<input type="checkbox"/> U.S. GOVERNMENT AGENCY	DATE REQUEST RECEIVED	INSTITUTION CODE	PENDING PROG. CODE	ACTUAL PROG. CODE
	<input type="checkbox"/> INDIVIDUAL LICENSEE				
	<input checked="" type="checkbox"/> ORGANIZATIONAL LICENSEE	02/02/83			53220
SECONDARY PROGRAM CODES (As required)					
#1		#2	#3	#4	#5
LICENSE NUMBER		DATE LICENSE ISSUED OR ACTION COMPLETED		EXPIRATION DATE	

## BYPRODUCT

## CHEMICAL OR PHYSICAL FORM

## POSSESSION LIMIT

A. Any byproduct material with atomic numbers 3-83 inclusive

A. Any

A. Not to exceed 10 milligrams total weight up to 100 milligrams of cobalt 60 may also be present

A. For possession inherent to storage, transportation and

~~decontamination of reactor equipment, components and/or parts.~~

decontamination of reactor equipment, components and/or parts. Licensed material may be used

10. (2.5) at 9350 East Pike, Townsville, Ohio for storage and decontamination purposes; at the locations specified in Item 1 of the licensee letter dated February 4, 1983 for possession and storage only; and for possession for transportation purposes at temporary job sites of

the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material

(E. Ver)

MAIL TO:

Attn: John Knox  
President

DATE MAILED REVIEWER

DATE COMPLETED

Copy To:

Identification Industrial Services  
Attn: P. L. J. Pottit, Ph.D.  
910. Lippert, N.Y. 2.5.78

PHDA-INDUSTRIAL BYPRODUCT REFERENCE COPY

12. (8) any individual ~~employed~~ who has ~~received~~ received the training and instructions described in Item 8 of the attachment to the license application dated December 28, 1982 and as described in the licensee's RADIATION SAFETY AND EMERGENCY PROCEDURES Manual dated January 1983.

Records of the training received by each individual shall be maintained for inspection by the U.S. Nuclear Regulatory Commission.

13. (9.D.) Paul J. Patrick (Corporate Radiation Protection Officer) and the licensee Managers (Facility Radiation Protection Officers) at each facility location specified in Item 1 of the license letter dated February 4, 1983.

14. (79)

15. (16) application dated December 28, 1982 and letter dated February 4, 1983 with attached document dated January 1983 entitled: ~~Radio~~ RADIATION SAFETY AND EMERGENCY PROCEDURES.

## Inventory Record Report for 35-00502-05

License Number: 35-00502-05    Docket Number: 30-20094    Part: 30    Job/Box: 1891 / 14    Accession Number:

Licensee: HALLIBURTON INDUSTRIAL SERVICES, INC. (HISI)

Address: 1015 BOIS D'ARC

City: DUNCAN

State: OK

Zip Code: 73536

### Site Information

Description of Site of Operation: VARIOUS LOCATIONS IN IL, MT, NJ, OH, OK, & PA.

Primary State of Operation: OK    NRC Region: IV    Facility: OTHER FACILITY, MEDIUM RISK

### License Information (Termination/Expiration)

Original License Missing from File? No    License Originally Issued on 2/10/83

License Expired? No    Expiration Date:

License Terminated? Yes    Termination Date: 7/8/87

Termination Amendment Issued? Yes    NRC Letter Indicating Termination? No    Licensee Requested Termination? No

Civil Defense License? No    Import Only License? No    Export Only License? No    No Authorization to Possess OR For Distribution Only? No

### License Application Information

Application with Info on Intended Use? Yes    Waste Generation or Disposal? Yes    Other Important Information? No

Supporting Information on Application:

Licensee applications contain information on decommissioning and decontamination methodologies.

### License Transfer Information (Superseded/Agreement State)

Transferred to General License? No    Transferred to Agreement State? No    Agreement State Code:

Covered or Superseded? Yes    Superseding License Number: 35-00502-03

Additional Notes on License Transfer: Amendment 55 to -03 license.

### License Closeout Information

Telephone Contact Regarding Closeout? No    NRC Verification Letter? No    NRC Closeout Inspection? No    Noted Problems on Inspection Report? No

Closeout Survey Performed? No    By NRC/AEC or Gov't Contractor? No    By Licensee? No    By Licensee Contractor? No

### Licensed Materials Disposition Information

Certificate of Disposition or Status? No

Licensee Letter on Disposition? No    Contents:

Other Document with Disposition Info? No    Description:

No Possession Indicated? No    Disposal by Decay Indicated? No    Disposal by Incineration Indicated? No

Mat'l Transferred or Sold? No    To:    License Number:

Sent Offsite for Disposal? No    To:

Other Means:

### Disposal Information

Was 10 CFR 20 Disposal Mentioned? No    Other Onsite Disposal (Burial, Sewer, Dumping) Mentioned? No

### Comments/Other Information

Other Licenses Contained in the File:

General Comments: ANY BYPRODUCT MATERIAL INCIDENT TO STORAGE, TRANSPORT, DECON, ETC.

Inventory Record Comments:

This license was terminated concurrent with the issuance of Amendment 55 to license 35-00502-03.

Reviewer: KMS

Listed On Form 35? Yes

Record Entered: 11/26/96

Record Last Updated:

11/26/96

# NRC MATERIALS LICENSE EVALUATION REPORT

## TERMINATED LICENSE REVIEW PROJECT

### BEGIN INVENTORY SYSTEM REPORT

Master identifier for license: 35-00502-05 189114.

INVENTORY CONTENTS FOR LICENSE NUMBER: 35-00502-05

Docket Number of this license: 30-20094

Licensee: HALLIBURTON INDUSTRIAL SERVICES, INC. (HISI)

Address: 1015 BOIS D'ARC OK

DUNCAN State(adrs): OK Zip: 73536

Facility type: OTHER FACILITY, MEDIUM RISK

This license was listed as SUPERCEDED BY ANOTHER LICENSE

Contents of the new license field 35-00502-03

Notes on license transfer: Amendment 55 to -03 license.

Principal state of operation: OKLAHOMA REGION IV

Site info in inventory record:

VARIOUS LOCATIONS IN IL, MT, NJ, OH, OK, & PA.

Disposition information present: NO DISPOSITION INFORMATION GIVEN

The listed date of issuance for this license is: 02/10/83

License listed as TERMINATED on 07/08/87

Remarks: ANY BYPRODUCT MATERIAL INCIDENT TO STORAGE, TRANSPORT, DECON, ETC.

JOB NUMBER: 1891 BOX NUMBER: 14

This license WAS listed on NRC'S form 35 listing for the box.

END INVENTORY SYSTEM REPORT

BEGIN EVALUATION SYSTEM REPORT

MATERIALS AUTHORIZATIONS

Material--	-Form-	Amt or Activity	-Unit-	-Matl Score-	Acctd(Sealed) or FORM (Loose)
------------	--------	-----------------	--------	--------------	-------------------------------

Any Byproduct Matl (1-83)					
---------------------------	--	--	--	--	--

LOOSE	0.2500000	CI	50.8	ANY/UNK	
-------	-----------	----	------	---------	--

Co-60					
-------	--	--	--	--	--

LOOSE	2.5000000	CI	14.3	ANY/UNK	
-------	-----------	----	------	---------	--

### SUMMARY OF INITIAL MATERIALS SCORING

Initial summary score for authorized loose materials:: 52.1

No material authorized under license in sealed form

THIS SITE OR SITES RECEIVES ITS FINAL SCORE BASED ON MATERIALS AUTHORIZATIONS, THE TYPE OF FACILITY BEING LICENSED, AND ON THE EVALUATOR'S RESPONSES TO QUESTIONS REGARDING THE ACTIVITIES AND PRACTICES UNDER THE LICENSE.

The FINAL SCORE for this site after completion of review was : 0.0

THIS SITE WAS ELIMINATED FROM CONSIDERATION FOR SITE CONTAMINATION

Reason for elimination: SUPERCEDED BY NEW LICENSE

### RECORDED REASONING FOR EVALUATION

1. License was for loose materials, or materials handled loose
2. There was at least one loose material on this license for which the

amount remaining was reduced according to the length of the half-life

3. The reviewer specified that there was NO identifiable site with this license. The previous score of 65.1 was changed to 52. Questions will not pertain to a specific site.

4. **FACILITY CONCLUSION:** The system considers this facility or license use a moderate or medium risk operation, for site contamination purposes. Any changes in site score will be based on further responses about the nature of the operation.

5. **FACILITY:** The license/operation information was insufficient to allow either the system or reviewer to estimate potential hazard at this point. The system will proceed with queries, looking for further clarification.

6. This license was **SUPERCEDED** by another license. IF loose materials were licensed, cumulative **LOOSE** score was below 100. The evaluator found no criteria that would prevent passing the license, and the license was removed from further consideration

---

#### GENERAL COMMENTS ABOUT THIS LICENSE

- The licensee was authorized any byproduct material with atomic numbers 3-83, inclusive, for possession incident to storage, transportation, decontamination, and repair of reactor equipment, components, and/or parts. The authorized sites of use were various locations in the U.S. where the NRC maintained jurisdiction.
- The licensee performed nuclear services for customers.
- 
- This license was evidently combined with another license by the NRC as this license was terminated upon the issuance of Amendment 55 to license 35-00502-03.