



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

November 2, 2015

10 CFR 31.5

ATTN: GLTS Project Manager  
U. S. Nuclear Regulatory Commission  
Office of Nuclear Material Safety and Safeguards  
Washington, DC 20555-0001

**Subject: Generally Licensed Devices Containing Byproduct Materials and Authorized Pursuant to 10 CFR Part 31**

- References:
1. Letter from NRC to TVA, "Applicable Regulations for Generally Licensed Devices Containing Byproduct Materials and Authorized Pursuant to 10 CFR Part 31," dated June 30, 2015
  2. Email from NRC to TVA, "All General Licenses Held by TVA from NRC's Data Base, dated July 16, 2015"

On June 30, 2015, the NRC requested that TVA review the requirements of 10 CFR 31 and other applicable regulations (Reference 1). The purpose of this letter is to provide the information required by the regulations in Reference 1 and requested by Reference 2. Enclosure 1 provides a listing of two generally licensed (GL) devices subject to registration as required by 10 CFR 31.5(c)(13). Enclosure 2 provides a listing of GL devices that are not in the NRC database. Enclosure 3 provides a listing of GL devices that TVA has shipped to disposal firms. Enclosure 4 provides a listing of GL devices that were transferred to NRC license number 41-25219-01 on August 19, 2013. Enclosure 5 identifies three errors found in the NRC database.

Nuclear Licensing is TVA's point of contact regarding GL devices. Please use the following mailing address for all correspondence concerning TVA's GL devices:

Tennessee Valley Authority  
Vice President, Nuclear Licensing  
LP 3D-C  
1101 Market Street  
Chattanooga, TN 37402-2801

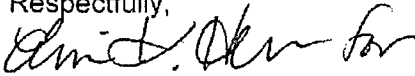
James B. Colagross is the primary responsible person (PRP) for all general licensed device locations except for the following locations:

808 Garage Road, Muscle Shoals, AL, 35662	PRP is Jeffrey Wooldridge.
Sequoyah Access Road, Soddy Daisy, TN, 37379	PRP is Jim Rolph.
Hwy 68, Spring City, TN, 37381	PRP is Brett Sumner.
Browns Ferry Plant, Athens, AL, 35632	PRP is Sandra Jeffers.

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There are no new regulatory commitments contained in this response. If you have any questions relating to this matter, please contact Lee Miller at (423) 751-3197.

Respectfully,



J. W. Shea  
Vice President, Nuclear Licensing

Enclosures:

1. Currently Unregistered Devices that Required Registration
2. Devices Not in NRC Data Base
3. Devices Shipped to a Disposal firm
4. Devices Transferred to NRC License 41-25219-01
5. Data Base Errors

**Enclosure 1**  
**Currently Unregistered Devices that Require Registration**

General License	Location of Device	Model No.	Serial No.	Isotope Amount (mCi)	Isotope	Received from	Purchase Date
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Not in Data Base	714 Swan Pond Road Harriman, TN	SHLD	OV0582	30	CS137	Ohmart/Vega Corporation	9/24/09
Not in Data Base	714 Swan Pond Road Harriman, TN	SHLD	OV0587	30	CS137	Ohmart/Vega Corporation	9/24/09

**Enclosure 2**  
**Devices Not in NRC Database**

General License	Address	Model No.	Serial No.	Isotope Amount (mCi)	Isotope	Received from	Received Date
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Not in Data Base	2574 Plant Road Memphis, TN	101	N106	5	NI63	Conco Services Corp.	7/16/14
Not in Data Base	1471 Steam Plant Road Gallatin, TN	101	N688	5	NI63	Conco Services Corp.	12/13/11
Not in Data Base	1471 Steam Plant Road Gallatin, TN	101	901-38-97-01	5	NI63	Conco Services Corp.	9/29/97
Not in Data Base	1265 Edgemoor Road Clinton, TN	SHGL	CZ1121	2	CS137	Ohmart/Vega Corporation	4/25/07
Not in Data Base	1265 Edgemoor Road Clinton, TN	101	N920	5	NI63	Conco Services Corp.	10/22/02
Not in Data Base	7900 Metropolis Lake Road W. Paducah, KY	101	901-01-98-01	5	NI63	Conco Services Corp.	3/30/98
Not in Data Base	808 Garage Road Muscle Shoals, AL	B311000	DG11118602	0.02	BA133	Perkin Elmer Life Sciences	12/2/11
Not in Data Base	808 Garage Road Muscle Shoals, AL	A2020	86668	0.02	BA133	Perkin Elmer Life Sciences	7/87
Not in Data Base	808 Garage Road Muscle Shoals, AL	B2555	401924	0.02	BA133	Perkin Elmer Life Sciences	9/15/92
Not in Data Base	13246 State Rd 176 Suite 10 Drakesboro, KY	TBM-201	CZM137	3	CS137	Scan Technologies, INC.	2/13/01
Not in Data Base	3110 Reservation Road, Muscle Shoals, AL	Xlp868Q	7543	20	FE55	Niton	4/11/05
				30	AM241		
Not in Data Base	3110 Reservation Road, Muscle Shoals, AL	Xlp868Q	10769	20	FE55	Niton	6/19/06
				30	AM241		
Not in Data Base	3110 Reservation Road, Muscle Shoals, AL	XL3p800	31308	30	AM241	Niton	12/19/08
Not in Data Base	Northside Chickamauga Dam Chattanooga, TN	XL801S	U1375	10	CD109	Niton	12/20/99
Not in Data Base	2800 Steam Plant Road Stevenson, AL	SHGL	2058CX	2	CS137	Ohmart/Vega Corporation	9/8/03

**Enclosure 2**  
**Devices Not in NRC Database**

General License	Address	Model No.	Serial No.	Isotope Amount (mCi)	Isotope	Received from	Received Date
Not in Data Base	2800 Steam Plant Road Stevenson, AL	SHGL	2061CX	2	CS137	Ohmart/Vega Corporation	9/8/03
Not in Data Base	2800 Steam Plant Road Stevenson, AL	SHGL	2065CX	2	CS137	Ohmart/Vega Corporation	9/8/03
Not in Data Base	2800 Steam Plant Road Stevenson, AL	SHGL	2067CX	2	CS137	Ohmart/Vega Corporation	9/8/03
Not in Data Base	13246 State Rd 176 Suite 10 Drakesboro, KY	101	901-22-97-01	5	NI63	Conco Services Corp	4/5/04
Not in Data Base	13246 State Rd 176 Suite 10 Drakesboro, KY	101	N054	5	NI63	Conco Services Corp	10/6/11
Not in Data Base	714 Swan Pond Road Harriman, TN	SHLD	OV0582	30	CS137	Ohmart/Vega Corporation	9/24/09
Not in Data Base	714 Swan Pond Road Harriman, TN	SHLD	OV0587	30	CS137	Ohmart/Vega Corporation	9/24/09
Not in Data Base	808 Garage Road Muscle Shoals, AL	A511000	SGLO37150070	0.02	BA133	Perkin Elmer Life Sciences	9/16/15

**Enclosure 3**  
**Devices Shipped to a Disposal Firm**

General License	Location of Device	Model No.	Serial No.	Isotope Amount (mCi)	Isotope	Disposal Firm	Date Returned
643827	Sequoyah Access Road Soddy Daisy, TN	101	N470	5	NI63	Conco Services Corp	9/24/15
711441	400 West Summit Hill Drive Knoxville, TN	841S	U16354560L	50	CD109	Thermo Scientific	7/24/15
				20	FE55		
711441	400 West Summit Hill Drive Knoxville, TN	841S	U16384561L	50	CD109	Thermo Scientific	7/24/15
				20	FE55		
711441	400 West Summit Hill Drive Knoxville, TN	801S	U33596341L	50	CD109	Thermo Scientific	7/24/15
711441	400 West Summit Hill Drive Knoxville, TN	801S	U1506D4559	50	CD109	Niton Corporation	7/24/15
709671	Northside Chickamauga Dam Chattanooga, TN	1923369570	K1520	15	NI63	Agilent Technologies, INC.	2/08
39830	Northside Chickamauga Dam Chattanooga, TN	19233	L4159	15	NI63	Hewlett-Packard Company	3/8/93
39830	Northside Chickamauga Dam Chattanooga, TN	5890-1	L0872	15	NI63	Hewlett-Packard Company	8/29/88
39830	Northside Chickamauga Dam Chattanooga, TN	1923369570	L4821	15	NI63	Agilent Technologies, INC.	10/30/02
39830	Northside Chickamauga Dam Chattanooga, TN	1923369570	M2634	15	NI63	Agilent Technologies, INC.	2/22/08
39830	Northside Chickamauga Dam Chattanooga, TN	1923369570	M1581	15	NI63	Agilent Technologies, INC.	2/22/08
Not in Data Base	3110 Reservation Road, Muscle Shoals, AL	XLp868Q	7543	20	FE55	Thermo Scientific	7/24/15
				30	AM241		
Not in Data Base	3110 Reservation Road, Muscle Shoals, AL	XLp868Q	10769	20	FE55	Thermo Scientific	7/24/15
				30	AM241		
Not in Data Base	3110 Reservation Road, Muscle Shoals, AL	XL3p800	31308	30	AM241	Thermo Scientific	7/24/15
Not in Data Base	13246 State RT. 176 Suite 10 Drakesboro, KY	TBM-201	CZM137	3	CS137	Kanawha Scales & Systems, Inc.	11/21/13
Not in Data Base	Northside Chickamauga Dam Chattanooga, TN	XL801S	U1375	10	CD109	Thermo Scientific	7/24/15

**Enclosure 4**  
**Devices Transferred to NRC License 41-25219-01**

General License	Location of Device	Model No.	Serial No.	Isotope Amount (mCi)	Isotope	Manufacture	License Number	Transfer Date
648106	815 Cumberland City Road Cumberland City, TN	101	N790	5	NI63	Conco Services Corp	41-25219-01	8/19/13
654569	815 Cumberland City Road Cumberland City, TN	101	N734	5	NI63	Conco Services Corp	41-25219-01	8/19/13
654567	2800 Steam Plant Road Stevenson, AL	101	N799	5	NI63	Conco Services Corp	41-25219-01	8/19/13
714785	2800 Steam Plant Road Stevenson, AL	SHGL	A8-260	2	CS137	Ohmart/Vega Corporation	41-25219-01	8/19/13
714785	2800 Steam Plant Road Stevenson, AL	SHGL	A8-261	2	CS137	Ohmart/Vega Corporation	41-25219-01	8/19/13
714785	2800 Steam Plant Road Stevenson, AL	SHGL	A8-262	2	CS137	Ohmart/Vega Corporation	41-25219-01	8/19/13
714785	2800 Steam Plant Road Stevenson, AL	SHGL	CZ-477	2	CS137	Ohmart/Vega Corporation	41-25219-01	8/19/13
Not in Data Base	2800 Steam Plant Road Stevenson, AL	SHGL	2058CX	2	CS137	Ohmart/Vega Corporation	41-25219-01	8/19/13
Not in Data Base	2800 Steam Plant Road Stevenson, AL	SHGL	2061CX	2	CS137	Ohmart/Vega Corporation	41-25219-01	8/19/13
Not in Data Base	2800 Steam Plant Road Stevenson, AL	SHGL	2065CX	2	CS137	Ohmart/Vega Corporation	41-25219-01	8/19/13
Not in Data Base	2800 Steam Plant Road Stevenson, AL	SHGL	2067CX	2	CS137	Ohmart/Vega Corporation	41-25219-01	8/19/13
Not in Data Base	13246 State Rd 176 Suite 10 Drakesboro, KY	101	N954	5	NI63	Conco Services Corp	41-25219-01	8/19/13
Not in Data Base	13246 State Rd 176 Suite 10 Drakesboro, KY	101	N054	5	NI63	Conco Services Corp	41-25219-01	8/19/13

**Enclosure 5  
Data Base Errors**

General License	Address	Model No.	Serial No.	Isotope Amount (mCi)	Isotope	Received from	Comment
706272	13246 State Rd 176 Suite 10 Drakesboro, KY	TBM-201	4026	3	CS137	Scan Technologies, INC.	Should be serial number CZM137
713049	611 Old Hwy 70S Rogersville, TN	101	920	5	NI63	Conco Services Corp.	May be serial number N920*
649282	ACCESS FROM HIGHWAY 27 Spring City, TN	101	N771	5	NI63	Conco Services Corp.	Change Address to Hwy 68 Spring City, TN
642238	Soddy Daisy, TN	B2500P3	205013	0.02	BA133	Perkin Elmer Life Sciences	Change Address to Sequoyah Access Road

\*N920 was transferred from Rogersville, TN to Clinton, TN - listed in Enclosure 2.