

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

December 7, 2023

Director, Office of Nuclear Material Safety  
and Safeguards  
ATTN: Document Control Desk/GLTS  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Serial No. 23-341  
NAPS/RAP  
Docket Nos. 50-338/339  
License Nos. NPF-4/7

**VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION ENERGY VIRGINIA)**  
**NORTH ANNA POWER STATION UNITS 1 AND 2**  
**ANNUAL REGISTRATION OF GENERALLY LICENSED DEVICES**

In accordance with 10 CFR 31.5, enclosed is NRC Form 664, General Licensee Registration, for registration of generally licensed devices maintained at North Anna Power Station.

If you have any questions, please contact Mr. G. R. Simmons at (540) 894-2107.

Sincerely,



Lisa Hilbert  
Site Vice President

Enclosure

Commitments made in this letter: None.

cc: U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

U. S. Nuclear Regulatory Commission  
Region II  
Marquis One Tower  
245 Peachtree Center Ave., NE Suite 1200  
Atlanta Georgia 30303-1257

NRC Senior Resident Inspector  
North Anna Power Station

NMSS10  
NMSS



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

11/15/2023

TO: Users of Devices Subject to General License Registration

SUBJECT: ANNUAL REGISTRATION OF GENERALLY LICENSED DEVICES

The U.S. Nuclear Regulatory Commission (NRC) requires annual registration of certain devices that are possessed under the general license issued in Section 31.5 of Title 10 U.S. Code of Federal Regulations (10 CFR 31.5). Devices subject to registration include those containing the radioactive material and activity listed in Table 1 of the attached NRC Form 664. You are receiving this notice because NRC records indicate that you have one or more such devices. Information about the general license registration program is available at the following NRC website:

<https://www.nrc.gov/materials/miau/miau-reg-initiatives/gen-license.html>

Note that under 10 CFR 31.5(c)(11), the attached General Licensee Registration Package must be completed, signed, and returned to the NRC within 30 days from the date of this letter. Read all of the instructions prior to completing the package. Mail the completed package in the enclosed envelope to:

Director, Office of Nuclear Material Safety  
and Safeguards  
ATTN: Document Control Desk/GLTS  
U.S. Nuclear Regulatory Commission  
Washington DC 20555-0001

**Registration Fee:** Commission regulations (10 CFR 170.31, Category 3Q) require that you submit a registration fee with each registration on an annual basis. The registration fee is subject to change yearly, and you are required to submit the fee that is in effect as of the date of this letter. An invoice for the current amount due will be sent to you under separate cover. If you have any questions about the fee or the invoice, please contact the License Fee Billing Help Desk at (301) 415-7554 or e-mail at [fees.resource@nrc.gov](mailto:fees.resource@nrc.gov).

NRC amended 10 CFR Parts 170.11 and 170.31 to provide that 10 CFR Part 170 fees be assessed to Federal agencies, where applicable, in accordance with the Energy Policy Act of 2005. Therefore, those Federal facilities required to register certain generally licensed devices in their possession will be required to pay the annual registration fee.

Attachment: NRC Form 664 – General Licensee Registration and Instructions

Sincerely,  
**/RA/**

U.S. Nuclear Regulatory Commission  
Office of Nuclear Material Safety  
and Safeguards  
Division of Materials Safety, Security, State,  
and Tribal Programs  
Materials Safety and Tribal Liaison Branch

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NRC amended 10 CFR Parts 170.11 and 170.31 to provide that 10 CFR Part 170 fees be assessed to Federal agencies, where applicable, in accordance with the Energy Policy Act of 2005. Therefore, those Federal facilities required to register certain generally licensed devices in their possession will be required to pay the annual registration fee.

Attachment: NRC Form 664 – General Licensee Registration and Instructions

Sincerely,

/RA/

Joseph D. Rolland  
U.S. Nuclear Regulatory Commission  
Office of Nuclear Material Safety  
and Safeguards  
Division of Materials Safety, Security, State,  
and Tribal Programs  
Materials Safety and Tribal Liaison Branch

Distribution:  
MSTR r/f

MLXXXXXXXXXX

Office	NMSS
Name	J. Rolland
Date	11/15/2023

OFFICIAL RECORD ONLY









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11/03/2023

SECTION 3

SECTION 3 - ADDITIONAL DEVICES SUBJECT TO REGISTRATION

PAGE 1 of 1

Provide Information about other devices you have that are subject to registration. Do not report specifically licensed devices.

Manufacturer Name

M o r p h o D e t e c t i o n , I n c.

Initial Transferor Name

G E I o n T r a c k

Initial Transferor License Number (if known)

M A - 1 5 - 5 2 5 4

Device Model Number (Not Source Model)

I t e m i s e r I I I

Device Serial Number

0 9 - 8 4 3 2

How acquired and date (e.g., from a distributor/manufacture, other licensee, other source)?

Manufacturer/Initial Transferor listed above  
 Other General Licensee      Date Transferred. 0 2 1 3 2 0 2 0  
 Other Sources

MM      DD      YYYY

	Isotope (e.g. AM241)	Activity (e.g. 100)	Unit (e.g. mCi)
1.	N i 6 3	1 0	m C i
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			





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SECTION 4 - NOT IN POSSESSION OF DEVICE

SECTION 4

PAGE 1 of 1

Provide information about devices listed in Section 2 or 6, but no longer in your possession.

Part 1

Transfer Date:

NRC Device Key.

8 2 5 3 3 1

0 8 1 6 2 0 2 3

(from Section 2 or 6)

MM

DD

YYYY

Location of the Device:

- Whereabouts Unknown (Complete Part 1 only)
- Never Possessed the Device (Complete Part 1 only)
- Returned to Manufacturer (Complete Part 1 only)
- Transferred to another general licensee (Complete Parts 2 and 3)
- Transferred to a Specific Licensee (Not the manufacturer) (Complete Part 2)

Part 2 License Number of Recipient (if transferred to a specific licensee):

R 0 4 1 0 0

Company Name:

W a s t e C o n t r o l S p e c i a l i s t s

Department:

C o m p a c t W a s t e D i s p o s a l F a c .

Address Line 1:

9 9 9 8 W e s t H i g h w a y 1 7 6

Address Line 2:

City:

A n d r e w s

State:

T X

Zip Code:

7 9 7 1 4 -

Part 3 Enter the name of the individual responsible for this device:

Last name

First name.

Middle Initial

Business Telephone Number

Extension.

Title.







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### SECTION 4 - NOT IN POSSESSION OF DEVICE

SECTION 4

PAGE 1 of 1

Provide information about devices listed in Section 2 or 6, but no longer in your possession.

#### Part 1

NRC Device Key:

6 8 9 4 2 8

(from Section 2 or 6)

Transfer Date:

0 7 1 7 2 0 2 3

MM

DD

YYYY

Location of the Device:

- Whereabouts Unknown (Complete Part 1 only)
- Never Possessed the Device (Complete Part 1 only)
- Returned to Manufacturer (Complete Part 1 only)
- Transferred to another general licensee (Complete Parts 2 and 3)
- Transferred to a Specific Licensee (Not the manufacturer) (Complete Part 2)

#### Part 2 License Number of Recipient (if transferred to a specific licensee).

DPR-32

Company Name

Surry Power Station

Department

Security

Address Line 1

5570 Hog Island Road

Address Line 2

City

Surry

State:

VA

Zip Code:

23883

#### Part 3 Enter the name of the individual responsible for this device:

Last name:

First name:

Middle Initial:

Business Telephone Number

Extension:

Title:





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**SECTION 5 - CERTIFICATION**

**SECTION 5**  
**PAGE 1 of 1**

I hereby certify that

- A All information contained in this registration is true and complete to the best of my knowledge and belief
- B A physical inventory of the devices subject to registration has been completed, and the device information on this form has been checked against the device labeling
- C I am aware of the requirements of the general license, provided in 10 CFR 31.5.  
(Copies of applicable regulations may be viewed at the NRC website at:  
<http://www.nrc.gov/reading-rm/doc-collections/cfr>)

12/7/23

SIGNATURE - RESPONSIBLE INDIVIDUAL (Listed in Section 1)

DATE

**WARNING:** FALSE STATEMENTS MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL ASPECTS. 18 U.S.C SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY WRONG STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER IN ITS JURISDICTION.



## SECTION 6 - DEVICE NOT SUBJECT TO REGISTRATION

**NRC Device Key:** 547351                      Manufacturer License No: MD-31-076-01  
 Manufacturer Name: CONCO SERVICES CORP.  
 Model Number. 101                      Serial # N596                      Transfer Date 02/15/1994  
 Isotope. NI63                      Activity 5                      Unit. mCi

**NRC Device Key:** 689428                      Manufacturer License No: 20-15525-04G  
 Manufacturer Name: GE ION TRACK  
 Model Number ITEMISER III                      Serial # 09-8424                      Transfer Date 06/30/2003  
 Isotope. NI63                      Activity: 10                      Unit. mCi

**NRC Device Key:** 707159                      Manufacturer License No.  
 Manufacturer Name: METOREX, INC.  
 Model Number. 880                      Serial #: 128018                      Transfer Date 02/27/2002  
 Isotope CD109                      Activity 10                      Unit mCi

**NRC Device Key:** 825331                      Manufacturer License No: 12-04933-04G  
 Manufacturer Name: PERKINELMER LIFE SCIENCES  
 Model Number B310000                      Serial # DG08129527                      Transfer Date 07/20/2012  
 Isotope BA133                      Activity: 20                      Unit uCi

**NRC Device Key:** 859758                      Manufacturer License No: MA-15-5254  
 Manufacturer Name. MORPHO DETECTION, INC  
 Model Number. ENTRYSCAN III                      Serial # 09-15947(ES4 -150009)                      Transfer Date. 12/02/2006  
 Isotope: NI63                      Activity: 10                      Unit. mCi

**NRC Device Key:** 859759                      Manufacturer License No: MA-15-5254  
 Manufacturer Name MORPHO DETECTION, INC  
 Model Number: ENTRYSCAN III                      Serial #: 09-14086(ES4-150007)                      Transfer Date. 12/29/2005  
 Isotope NI63                      Activity: 10                      Unit. mCi

**NRC Device Key:** 859760                      Manufacturer License No: MA-15-5254  
 Manufacturer Name. MORPHO DETECTION, INC  
 Model Number. ENTRYSCAN III                      Serial #. 09-14085(ES4-150004)                      Transfer Date: 08/20/2006  
 Isotope: NI63                      Activity: 10                      Unit: mCi



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**SECTION 6 - DEVICE NOT SUBJECT TO REGISTRATION.**

**SECTION 6**  
**PAGE 2 of 2**

**NRC Device Key:** 859761                      Manufacturer License No: MA-15-5254  
 Manufacturer Name: MORPHO DETECTION, INC  
 Model Number: ENTRYSCAN III              Serial # 09-14254(ES4-150002)              Transfer Date 02/08/2006  
 Isotope NI63                                      Activity: 10                                      Unit: mCi

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**NRC Device Key:** 859762                      Manufacturer License No MA-15-5254  
 Manufacturer Name MORPHO DETECTION, INC  
 Model Number ITEMISER III              Serial # 09-15454                                      Transfer Date 02/13/2020  
 Isotope: NI63                                      Activity 10                                      Unit: mCi

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**NRC Device Key:** 859763                      Manufacturer License No: MA-15-5254  
 Manufacturer Name MORPHO DETECTION, INC.  
 Model Number ITEMISER III              Serial #: 09-12990                                      Transfer Date: 02/13/2020  
 Isotope: NI63                                      Activity: 10                                      Unit. mCi

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**NRC Device Key:** 859764                      Manufacturer License No MA-15-5254  
 Manufacturer Name. MORPHO DETECTION, INC  
 Model Number ITEMISER III              Serial #. 09-20943                                      Transfer Date 01/20/2011  
 Isotope NI63                                      Activity: 10                                      Unit mCi

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**NRC Device Key:** 859765                      Manufacturer License No MA-15-5254  
 Manufacturer Name. MORPHO DETECTION, INC  
 Model Number: ITEMISER III              Serial #. 09-23953                                      Transfer Date: 09/20/2013  
 Isotope: NI63                                      Activity. 10                                      Unit mCi

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## **GE Ion Track**

April 29, 2003

### **SURRY POWER STATION(SURRY,VA):**

Congratulations on the purchase of your Itemiser 3<sup>®</sup> detection system. We trust that it will give you many years of service.

The instrument, (device), contains an ultra sensitive Ion Trap Mobility Spectrometer, which utilizes a radioactive source to provide a means of ionizing the sampled air. The radioactive source is a Ni-63 beta radiation source. Ni-63 is a low-energy beta emitter: none of the radiation from this source can penetrate the internal assembly and expose the operator. However, in order to ensure that no Ni-63 leaks from the source holder, the device must be leak tested annually. You will be contacted approximately 30 days prior to the leak test due date with more information on this leak test requirement. There are no serviceable parts in the detector and no attempt to access the source or detector must be made.

Possession and use of the device is governed by Code of Massachusetts Regulations 105CMR 120.122(D) (Certain Measuring, Gauging, or Controlling Devices) or by the U.S. Nuclear Regulatory Commission or Agreement State under requirements substantially the same as those in 105 CMR 120.122(D). Copies of the relevant sections are enclosed together with a list of agreement states and U.S. NRC regions. We would ask you to examine these and acquaint yourself with the regulatory responsibilities and check with your state or other radiation control agency to verify if further registration is required. The device is registered with the Massachusetts Radiation Control Program under ITI's Sealed Source Device Registration, Number MA-0399-D-104-G, and distributed under license# 15-5254.

Please do not hesitate to call me if any questions arise regarding the enclosed regulations or wipe testing your Itemiser 3<sup>®</sup>.

Serial number of Source/Instrument: **Source #09-8432; Inst. S/N 04034907411**

Sincerely yours,

Technical Services Manager

Note: No changes may be made to this document without the review and consent of the radiation safety officer.