

INTEGRATED MATERIALS PERFORMANCE EVALUATION PROGRAM
QUESTIONNAIRE

Reporting Period: December 14, 2013 – December 31, 2018

Note: If there has been no change in the response to a specific question since the last IMPEP questionnaire, the State or Region may copy the previous answer, if appropriate.

A. GENERAL

1. Please prepare a summary of the status of the State's or Region's actions taken in response to each of the open recommendations from previous IMPEP reviews.

Not applicable. There were no recommendations made from the last IMPEP review.

B. COMMON PERFORMANCE INDICATORS

I. Technical Staffing and Training

2. Please provide the following organization charts, including names and positions:

- (a) A chart showing positions from the Governor down to the Radiation Control Program Director;

See attached

- (b) A chart showing positions of the radiation control program, including management; and

See attached

- (c) Equivalent charts for sealed source and device evaluation, low-level radioactive waste and uranium recovery programs, if applicable.

See attached

3. Please provide a staffing plan, or complete a listing using the suggested format below, of the professional (technical) full-time equivalents (FTE) applied to the radioactive materials program by individual. Include the name, position, and, for Agreement States, the fraction of time spent in the following areas: administration, materials licensing &

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compliance, emergency response, low-level radioactive waste, uranium recovery, other. If these regulatory responsibilities are divided between offices, the table should be consolidated to include all personnel contributing to the radioactive materials program. If consultants were used to carry out the program's radioactive materials responsibilities, include their efforts. The table heading should be:

Name Position Area of Effort FTE%

<u>Name</u>	<u>Position</u>	<u>Area of Effort</u>	<u>FTE%</u>
Gene Phillips	Bureau Chief	Administration	10
Rebecca Fugitt	Assistant Bureau Chief	Administration	25
Michael Snee	Program Admin.	Radioactive Materials Licensing and Inspection	100
Stephen James	Supervisor	Industrial Licensing & Inspection	100
Celeste Lipp	Senior HP	Industrial	100
Sangita Desai	Senior HP	Industrial	100
Patrick Becker	Senior HP	Industrial; SS&D	100
Courtney Shipley	Senior HP	Industrial	50
Vacant	HP	Industrial	100
Michael Rubadue	Supervisor	Medical Licensing & Inspection; Decommissioning	100
Amy Cosner	Senior HP	Medical	100
Doug Cosner	Senior HP	Medical	100
Charlene Graham	Senior HP	Medical	50
Joshua Wagner	Senior HP	Medical	100
Vacant	HP	Medical	100
Dwain Baer	Senior HP	Decommissioning; Gen. Lic.	100
Jim Colleli	Senior HP	Decommissioning; LLRW	100
Kim Anderson	Senior HP	Decommissioning	100
Stephen Helmer	Program Admin.	Radiological Health & Safety	20
David Lipp	Supervisor	Radiological Health & Safety	20
Shannon Dettmer	Senior HP	Radiological Health & Safety; SS&D	25
Tim Walker	Senior HP	Radiological Health & Safety	10
Eric Denison	Senior HP	Radiological Health & Safety	50
Jill Slubowski	Senior HP	Radiological Health & Safety	20
Sean Kubera	Senior HP	Radiological Health & Safety	20
Craig Helm	Senior HP	Radiological Health & Safety	20

4. Please provide a listing of all new professional personnel hired into your radioactive materials program since the last review, indicate the date of hire; the degree(s) they received, if applicable; additional training; and years of experience in health physics or other disciplines, as appropriate.

<u>New Personnel Since Last Review</u>

<u>Name</u>	<u>Position</u>	
Joshua Wagner	Senior Health Physicist	<p>Hire date: October 17, 2016</p> <p>Degree: Bachelor of Science in Public Health 2016 – Kent State University Associate degree in Radiologic Technology 2014 – Kent State University Associate of Science 2012 – Kent State University</p> <p>American Registry of Radiologic Technologists Certification</p> <p>Training: Inspection Procedures (G-108); Licensing Practices and Procedures (G-109); Diagnostic and Therapeutic Nuclear Medicine (H-304); Transportation of Radioactive Material (H-308); Brachytherapy and Gamma Knife (H-313); Visual Sampling Plan (H-500); Materials Control and Security Systems and Principles (S-201); various Ohio nuclear power plant training</p>
Gene Phillips	Bureau Chief	<p>Position date: January 2015</p> <p>Degree: Master of Public Health 2007 – The Ohio State University Master of Business Administration 1998 – Capital State University Bachelor of Science, Natural Resources Development 1993 – The Ohio State University</p> <p>Registered Sanitarian 1994</p> <p>Experience: 24 years of experience in Environmental Public Health 12 years as Bureau Chief 4 years as Bureau Chief including radiation protection programs</p>

Rebecca Fugitt	Assistant Bureau Chief	Position date: January 2016 Degree: Master of Geological Sciences with specialization in Hydrogeology 1984 – Ohio University Bachelor of Science, Geological Sciences 1982 – Ohio University Registered Sanitarian 1998 Experience: Assistant Bureau Chief, Bureau of Environmental Health and Radiation Protection, responsible for supervising the Residential Water and Sewage, X-Ray Registration and Licensing, Radiation Health and Safety, and Agreement State (radiation materials inspection and licensing) – 2015 to current Program Manager for the Residential Water and Sewage Program – 1996-2015 Program Manager for the Ground Water Resources Program, Division of Water, Ohio Department of Natural Resources – 1987-1996 Research Hydrogeologist, National Ground Water Association, Columbus, Ohio - 1983-1987 3 years as Assistant Bureau Chief including radiation protection programs
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5. Please list all professional staff who have not yet met the qualification requirements for a radioactive materials license reviewer or inspector. For each, list the courses or equivalent training/experience they need and a tentative schedule for completion of these requirements.

All license reviewers and inspectors are fully qualified.

6. Identify any changes to your qualification and training procedure that occurred during the review period.

The qualification and training procedure was updated to be consistent with the USNRC.

7. Please identify the technical staff that left your radioactive materials program during the review period and indicate the date they left.

<u>Personnel Who Left Since Last Review</u>		
<u>Name</u>	<u>Position</u>	<u>Date Left ODH</u>
Sean Kubera	Health Physicist	January 8, 2018 (Transfer within the Bureau)

Erick Ziegler	Health Physicist	January 20, 2017
Charles McCracken	Health Physics Supervisor	June 3, 2016
Rochelle Batdorf	Health Physicist	March 4, 2016
Mark Light	Health Physics Administrator	February 13, 2016
Karl Von Ahn	Health Physics Supervisor	August 7, 2015

8. List any vacant positions in your radioactive materials program, the length of time each position has been vacant, and a brief summary of efforts to fill the vacancy.

Health Physicist, Medical – vacant since January 20, 2017.

Health Physicist, Industrial – vacant since January 8, 2018.

Vacant Health Physicist positions in each section were reclassified as Senior Health Physicist and filled internally (Shiple and Wagner). Filling the existing vacant Health Physicist positions is being discussed by Bureau management.

9. For Agreement States, does your program have an oversight board or committee which provides direction to the program and is composed of licensees and/or members of the public? If so, please describe the procedures used to avoid any potential conflict of interest.

The Radiation Advisory Council, RAC, consists of members who meet the criteria outlined in Section 3748.20 of the Ohio Revised Code. The members of the RAC are appointed by the Governor. The duties of the RAC include advising and consulting with the department on the development of rules and the administration, implementation, and enforcement of these rules. The RAC also provides advice and council on the development of inspection criteria, procedures, and guidelines to be used in the radiation control program.

II. Status of Materials Inspection Program

10. Please identify individual licensees or categories of licensees the State is inspecting less frequently than called for in NRC's Inspection Manual Chapter (IMC) 2800 and explain the reason for the difference. The list only needs to include the following information: license category or licensee name and license number, your inspection interval, and rationale for the difference.

All individual licensees and categories of licensees are inspected at least as frequently as called for in NRC's IMC 2800.

11. Please provide the number of routine inspections of Priority 1, 2, and 3 licensees, as defined in IMC 2800 and the number of initial inspections that were completed during each year of the review period.

Industrial				
	Priority 1	Priority 2	Priority 3	Initial
2014	10	2	2	6
2015	17	4	4	19
2016	22	4	2	7
2017	21	5	4	12
2018	20	4	5	7

Medical				
	Priority 1	Priority 2	Priority 3	Initial
2014	0	19	67	8
2015	0	20	52	2
2016	0	34	29	2
2017	0	21	40	1
2018	0	22	34	1

12. Please submit a table, or a computer printout, that identifies inspections of Priority 1, 2, and 3 licensees and initial inspections that were conducted overdue.

At a minimum, the list should include the following information for each inspection that was conducted overdue during the review period:

- (1) Licensee Name
- (2) License Number
- (3) Priority (IMC 2800)
- (4) Last inspection date or license issuance date, if initial inspection
- (5) Date Due
- (6) Date Performed
- (7) Amount of Time Overdue
- (8) Date inspection findings issued

Licensee Name - Triumph Materials Testing
License Number - 31210610006
Priority - 5
License issuance date - 8/27/13
Date due – 8/27/14
Date performed – 9/13/17
Amount of Time Overdue – 37 months
Date inspection findings issued – 9/18/17

Licensee Name - Consulting Services Incorporated of Ohio
License Number - 31210310052
Priority - 5
License issuance date – 11/7/13
Date due – 11/7/14
Date performed – 9/13/17
Amount of Time Overdue – 34 months
Date inspection findings issued – 9/14/17

13. Please submit a table or computer printout that identifies any Priority 1, 2, and 3 licensees-and initial inspections that are currently overdue, per IMC 2800. At a minimum, the list should include the same information for each overdue inspection provided for Question 12 plus your action plan for completing the inspection. Also include your plan for completing the overdue inspections.

There are no Priority 1, 2, and 3 licensees or initial inspections overdue.

14. Please provide the number of reciprocity licensees that were candidates for inspection per year as described in IMC 1220 and indicate the number of reciprocity inspections of candidate licensees that were completed each year during the review period.

Year	Total Reciprocities Authorized	Priority 1/2/3 Reciprocities in Ohio	Priority 1/2/3 Candidates	Priority 1/2/3 Inspected	Percentage of Candidates inspected
2014	81	30	24	6	25
2015	82	29	26	9	34.6
2016	81	24	18	6	33.3
2017	81	24	16	5	31.3
2018	70	18	13	8	61.5

III. Technical Quality of Inspections

15. What, if any, changes were made to your written inspection procedures during the reporting period?

Inspection procedures were reformatted and incorporated into Directive 10-BEHRP-11 "Radioactive Materials Inspections". Changes to inspection intervals consistent with the revised NRC Inspection Manual are being incorporated.

16. Prepare a table showing the number and types of supervisory accompaniments made during the review period. Include:

Inspector Supervisor License Category Date

Inspector	Supervisor	License category	Date
Anderson, Kim	McCracken	00004	1-25-14
Anderson, Kim	McCracken	03800	4-29-15
Anderson, Kim	Rubadue	03219	10-2-17
Anderson, Kim	Rubadue	03800	3-14-18
Batdorf, Rochelle	Von Ahn	02121, 03510	9-11-14
Batdorf, Rochelle	Von Ahn	02500	3-17-15
Batdorf, Rochelle	James	02120	1-28-16
Becker, Pat	James	31201	11-4-14
Becker, Pat	James	03213	3-30-15
Becker, Pat	James	03214	5-19-16
Becker, Pat	James	03214	6-29-17
Becker, Pat	James	03320	10-10-18
Colleli, Jim	Helmer	11800	10-18-16

Inspector	Supervisor	License category	Date
Colleli, Jim	Rubadue	03219	10-30-18
Cosner, Amy	Von Ahn	02120	10-28-14
Cosner, Amy	James	02120	11-17-15
Cosner, Amy	James	02201	11-17-16
Cosner, Amy	Rubadue	02240	12-19-18
Cosner, Doug	Von Ahn	02110	11-17-14
Cosner, Doug	Von Ahn	02500	6-16-15
Cosner, Doug	James	02110	1-13-16
Cosner, Doug	James	02201	11-18-16
Cosner, Doug	Rubadue	02120	9-20-17
Cosner, Doug	Rubadue	02110	11-8-18
Desai, Sangita	James	31210	10-22-14
Desai, Sangita	James	03123	4-22-15
Desai, Sangita	James	01100	9-21-16
Desai, Sangita	James	31210	4-23-17
Desai, Sangita	James	01110	9-12-18
Graham, Charlene	Von Ahn	02110	7-10-14
Graham, Charlene	James	02110	1-13-16
Graham, Charlene	James	02500	5-15-17
Graham, Charlene	Rubadue	02110	12-13-18
Kubera, Sean	James	03320	5-16-14
Kubera, Sean	James	03320	2-5-15
Kubera, Sean	James	01100	9-21-16
Kubera, Sean	James	03320	10-19-17
Lipp, Celeste	James	31210	2-11-14
Lipp, Celeste	James	31210	6-25-15
Lipp, Celeste	James	31210	11-9-16
Lipp, Celeste	James	03214	12-21-17
Lipp, Celeste	James	31210	10-10-18
Shiple, Courtney	James	03620	7-18-14
Shiple, Courtney	James	03320	4-24-15
Shiple, Courtney	James	03320	11-10-15
Shiple, Courtney	James	02400	11-29-16
Shiple, Courtney	James	02400	12-20-17
Shiple, Courtney	James	03620	9-26-18
Wagner, Josh	James	02201	3-2-17
Wagner, Josh	James	02500	5-15-17
Wagner, Josh	Rubadue	02201	6-15-17
Wagner, Josh	Rubadue	02220	8-23-18
Ziegler, Erick	Von Ahn	02120	7-10-14
Ziegler, Erick	Von Ahn	02230	7-21-15
Ziegler, Erick	James	02201	5-10-16
Ziegler, Erick	James	02500	8-16-16

17. Describe or provide an update on your instrumentation, methods of calibration, and laboratory capabilities. Are all instruments properly calibrated at the present time? Were there sufficient calibrated instruments available throughout the review period?

All instruments that are available for use are properly calibrated. The Bureau has maintained a sufficient number of calibrated instruments through the review period.

The instrumentation is calibrated annually, or as needed, by a NVLAP certified calibration facility.

The Bureau has access to the ODH laboratory facilities. The laboratory provides the Bureau with radiochemistry capabilities including gamma spectroscopy, alpha spectroscopy, beta and alpha counting systems, and liquid scintillation capabilities. The ODH laboratory maintains proficiency by processing nuclear power plant environmental samples on a weekly basis.

IV. Technical Quality of Licensing Actions

18. How many specific radioactive material licenses does your program regulate at this time?

Ohio regulates 553 specific licenses.

19. Please identify any major, unusual, or complex licenses which were issued, received a major amendment, were terminated, decommissioned, submitted a bankruptcy notification or renewed in this period.

Issued Ohio Information Notice IN 2014-01 on April 18, 2014 to Ohio industrial radiography licensees (including reciprocity licensees). Notice was to remind licensees of the requirements to properly maintain and use personal dosimetry and survey equipment when conducting radiography operations and contained requirements for licensees to conduct training on specific topics within forty-five (45) days of the date of the IN and provide training to ODH no later than sixty (60) days from the date of notice.

Processed 53 licenses in the final week of September 2014 to remove IC requirements and add new Chapter 3701:1-37 (Part 37) security requirements in anticipation of new regulations taking effect October 1, 2014.

University of Cincinnati – License # 02110310010, Amend 37 – October 25, 2014
Added new irradiator.

GE Ravenna Plant – License # 11300680000, Amend 2 – April 27, 2015
Termination with complex decommissioning.

Cincinnati Animal Referral and Emergency Center – License # 02400310001, Amend 7 – August 20, 2015
Termination with removal of Cobalt-60 radiation therapy unit.

Cardinal Health (Citygate) – License # 03900250001, Amend 11 – November 20, 2015
Decommissioning of cyclotron in preparation for license termination.

Decommissioning and release of PSC Metals facilities in Massillon and Canton after large scale contamination incident caused by shredded radium sources. – 2016

Began new process on September 1, 2018 for issuance of new licenses. Inspectors no longer hand-carry licenses for delivery to licensee at completion of site visit. Inspectors

now conduct pre-licensing site visits and prepare a site visit memo with findings. A pre-licensing conference is then held with the Program Administrator, Supervisor, and inspector to discuss findings and make determination on issuance of new licenses.

Cardinal Health – License # 02500250000, Amend 48 – October 30, 2018
Added the Northstar RadioGenix Mo/Tc-99 Generator.

20. Discuss any variances in licensing policies and procedures or exemptions from the regulations granted during the review period.

Nationwide Children’s Hospital – issued license number 02110 25 0012 amendment number 22 on March 1, 2016 renewing Director’s Order for a dose limit waiver for adult caregivers of minors undergoing inpatient radionuclide therapy.

University of Cincinnati – issued license number 02110 31 0010 amendment number 43 on September 15, 2017 that included a Director’s Order for a dose limit waiver for adult caregivers of minors undergoing inpatient radionuclide therapy.

21. What, if any, changes were made in your written licensing procedures (new procedures, updates, policy memoranda, etc.) during the reporting period?

Licensing procedures were reformatted and incorporated into Directive 10-BEHRP-12 “Radioactive Materials Licensing”. Revised pre-licensing guidance, as requested in RCPD-18-005, has been incorporated.

Instituted a new policy to add another check before a new license is issued to an unknown entity. A meeting is held with Bureau management and the reviewer/inspector to review and approve the pre-licensing checklist and the results of the site visit. The meeting is meant to determine if anything was inadvertently missed or not properly documented before issuing the license.

22. Identify by licensee name and license number any renewal applications that have been pending for one year or more. Please indicate why these reviews have been delayed and describe your action plan to reduce the backlog.

No license renewals are pending for one year or more.

V. Technical Quality of Incident and Allegation Activities

23. For Agreement States, please provide a list of any reportable incidents not previously submitted to NRC (See Procedure SA-300, *Reporting Material Events*, for additional guidance, OMB clearance number 3150-0178). The list should be in the following format:

<u>Licensee Name</u>	<u>License #</u>	<u>Date of Incident/Report</u>	<u>Type of Incident</u>
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All reportable incidents have been submitted to the NRC.

24. Identify any changes to your procedures for responding to incidents and allegations that occurred during the period of this review.

Incident response procedures were reformatted and incorporated into Directive 10-BEHRP-M01 “Radiological Emergency Preparedness Manual”.

Radiation safety procedures were reformatted and incorporated into Directive 10-BEHRP-M02 "Radiation Safety Manual".

C. NON-COMMON PERFORMANCE INDICATORS

I. Compatibility Requirements

25. Please list all currently effective legislation that affects the radiation control program. Denote any legislation that was enacted or amended during the review period.

Chapter 3748 of the Ohio Revised Code (overall legislation for the program)
Chapter 3747 of the Ohio Revised Code (low-level radioactive waste act)
Chapter 119 of the Ohio Revised Code (due process following license denial)

26. Are your regulations subject to a "Sunset" or equivalent law? If so, explain and include the next expiration date for your regulations.

Rules adopted pursuant to Chapter 119 (Ohio Administrative Procedures Act) are subject to review every five years and the agency adopting the rules must review and decide to continue the rule as it exists or modify it. There are eleven chapters of Ohio Administrative Code rules that pertain to radioactive material. The expiration date of each rule is based on the date that it was adopted. All rules in the eleven Ohio Administrative Code chapters are current.

27. Please review and verify that the information in the enclosed State Regulation Status (SRS) sheet is correct. For those regulations that have not been adopted by the State, explain why they were not adopted, and discuss actions being taken to adopt them. If legally binding requirements were used in lieu of regulations and they have not been reviewed by NRC for compatibility, please describe their use.

The information in the Ohio SRS sheet dated December 19, 2018 is correct. All required regulations have been adopted.

28. If you have not adopted all amendments within three years from the date of NRC rule promulgation, briefly describe your State's procedures for amending regulations in order to maintain compatibility with the NRC, showing the normal length of time anticipated to complete each step.

All amendments have been adopted within three years from the date of NRC rule promulgation.

II. Sealed Source and Device (SS&D) Evaluation Program

29. Prepare a table listing new and amended (including transfers to inactive status) SS&D registrations of sources and devices issued during the review period. The table heading should be:

<u>SS&D Registry Number</u>	<u>Manufacturer, Distributor or Custom User</u>	<u>Product Type or Use</u>	<u>Date Issued</u>	<u>Type of Action</u>
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SSD Registration#	Manufacturer/ distributor	Product Type or Use	Date Issued	Type of action
OH-1411-S-101-S	Cardinal Health 414, LLC	Medical reference sources	3/14/2016	Initial
OH-1411-S-102-S	Cardinal Health 414, LLC	Medical reference sources	3/14/2016	Initial
OH-1411-S-103-S	Cardinal Health 414, LLC	Medical reference sources	7/26/2016	Initial
OH-1411-S-104-S	Cardinal Health 414, LLC	Medical reference sources	6/30/2016	Initial
OH-1411-S-105-S	Cardinal Health 414, LLC	Medical reference sources	7/16/2016	Initial
OH-1411-S-106-S	Cardinal Health 414, LLC	Medical reference sources	7/13/2016	Initial
OH-1411-S-107-S	Cardinal Health 414, LLC	Medical reference sources	7/13/2016	Initial
OH-1411-S-108-S	Cardinal Health 414, LLC	Medical reference sources	7/13/2016	Initial
OH-1411-S-109-S	Cardinal Health 414, LLC	Medical reference sources	7/26/2016	Initial
OH-1240-D-102-S	Fluke Electronics Corp, dba Fluke Biomedical	Calibration source	4/9/2018	Initial
OH-1240-D-102-S	Fluke Electronics Corp, dba Fluke Biomedical	Calibration source	4/30/2018	Amendment
OH-0298-S-101-S	Frontier Technology Corporation	General neutron source	12/4/18	Amendment
OH-1416-D-101-G	Global Gauge Corporation	Gamma gauge	7/10/2017	Transfer from Illinois
OH-1416-D-102-G	Global Gauge Corporation	Beta gauge	7/10/2017	Transfer from Illinois
OH-1416-D-103-G	Global Gauge Corporation	Gamma gauge	7/10/2017	Transfer from Illinois
OH-1090-D-103-B	Indev Gauging Systems, Inc	Beta gauge	8/18/2015	Amendment
OH-1090-D-102-B	Indev Gauging Systems, Inc	Gamma gauge	11/3/2016	Amendment
OH-1090-D-102-B	Indev Gauging Systems, Inc	Gamma gauge	11/28/2016	Amendment
OH-1090-D-106-G	Indev Gauging Systems, Inc.	Beta gauge	11/29/2017	Initial
OH-0471-D-102-B	NDC Technologies	Gamma gauge	9/25/2018	Transfer from California
OH-1219-D-105-G	Thermo Eberline LLC (dba) Thermo Fisher Scientific	Ion generator	8/16/2014	Initial

OH-1219-D-105-G	Thermo Eberline LLC (dba) Thermo Fisher Scientific	Ion generator	3/1/2017	Amendment
OH-1177-D-101-G	UPA Technology, Inc	Beta gauge	8/31/2016	Amendment
OH-0522-D-120-B	VEGA Americas Corporation	Gamma gauge	1/17/2014	Amendment
OH-0522-D-902-S	VEGA Americas Corporation	Gamma gauge	1/23/2014	Inactivate
OH-0522-D-120-B	VEGA Americas Corporation	Gamma gauge	2/14/2014	Amendment
OH-0522-D-102-B	VEGA Americas Corporation	Gamma gauge	8/18/2015	Amendment
OH-0522-D-102-B	VEGA Americas Corporation	Gamma gauge	1/21/2016	Amendment
OH-0522-D-120-B	VEGA Americas Corporation	Gamma gauge	1/23/2017	Amendment
OH-0522-D-120-B	VEGA Americas Corporation	Gamma gauge	5/19/2017	Amendment
OH-0522-D-120-B	VEGA Americas Corporation	Gamma gauge	12/6/2018	Amendment
OH-0522-D-112-S	VEGA Americas Corporation	Gamma gauge	6/18/2014	Amendment
OH-0522-D-116-S	VEGA Americas Corporation	Gamma gauge	8/18/2015	Amendment
OH-0522-D-112-S	VEGA Americas Corporation	Gamma gauge	6/10/2015	Amendment
OH-0522-D-112-S	VEGA Americas Corporation	Gamma gauge	8/18/2015	Amendment
OH-0522-D-112-S	VEGA Americas Corporation	Gamma gauge	1/31/2017	Amendment
OH-0522-D-112-S	VEGA Americas Corporation	Gamma gauge	3/16/2017	Amendment
OH-0522-D-112-S	VEGA Americas Corporation	Gamma gauge	2/16/2018	Amendment
OH-0522-D-116-S	VEGA Americas Corporation	Gamma gauge	7/21/2017	Amendment
OH-0522-D-111-S	VEGA Americas Inc.	Gamma gauge	12/19/2016	Amendment
OH-0522-D-111-S	VEGA Americas Inc.	Gamma gauge	1/31/2017	Amendment
OH-0522-D-111-S	VEGA Americas Inc.	Gamma gauge	6/19/2017	Amendment
OH-0522-D-111-S	VEGA Americas Inc.	Gamma gauge	10/12/2017	Amendment
OH-0522-D-121-S	VEGA Americas, Inc	Gamma gauge	5/5/2016	Initial
OH-1346-D-101-S	ViewRay, Inc.	Photon-emitting Teletherapy unit	2/22/2016	Amendment
OH-1346-D-101-S	ViewRay, Inc.	Photon-emitting Teletherapy unit	12/19/2016	Amendment

30. Please include information on the following questions in Section A, as they apply to the SS&D Program:

Technical Staffing and Training - Questions 2-9
Technical Quality of Licensing Actions - Questions 18-22
Technical Quality of Incident and Allegation Activities - Questions 23-24

Information is included in Section B "COMMON PERFORMANCE INDICATORS" regarding staffing, licensing and response to incidents as it relates to the Sealed Source and Device program.

III. Low-level Radioactive Waste Disposal Program

31. Please include information on the following questions in Section A, as they apply to the Low-Level Radioactive Waste Disposal Program:

Technical Staffing and Training - Questions 2-9
Status of Materials Inspection Program - Questions 10-14
Technical Quality of Inspections - Questions 15-17
Technical Quality of Licensing Actions - Questions 18-22
Technical Quality of Incident and Allegation Activities - Questions 23-24

Information is included in Section B "COMMON PERFORMANCE INDICATORS" regarding staffing, licensing and response to incidents as it relates to the Low-Level Radioactive Waste Disposal program. Ohio is authorized pursuant to statute and rule to site and regulate a low-level radioactive waste disposal facility. At the present time no facility is being sited in Ohio and no disposal facility exists in the state. Ohio tracks and reports on the generation of low level radioactive waste annually in Ohio.

IV. Uranium Recovery Program

32. Please include information on the following questions in Section A, as they apply to the Uranium Recovery Program:

Technical Staffing and Training - Questions 2-9
Status of Materials Inspection Program - Questions 10-14
Technical Quality of Inspections - Questions 15-17
Technical Quality of Licensing Actions - Questions 18-22
Technical Quality of Incident and Allegation Activities - Questions 23-24

Information is included in Section B "COMMON PERFORMANCE INDICATORS" regarding staffing licensing and response to incidents as it relates to the Uranium Recovery program. Ohio is authorized pursuant to the agreement with NRC to license uranium mills. Ohio does not currently have any facilities that meet the definition of uranium mill.