



ILLINOIS EMERGENCY MANAGEMENT AGENCY

Bruce Rauner
Governor

William P. Robertson
Acting Director

April 6, 2018

Lizette Roldan-Otero, Ph.D.
U.S. Nuclear Regulatory Commission
Region IV Office/DNMS
1600 E. Lamar Boulevard
Arlington, TX 76011-4511

Dear Dr. Roldan-Otero:

The Illinois Emergency Management Agency, Bureau of Radiation Safety (the Agency), has completed the reply to the Integrated Materials Performance Evaluation Program (IMPEP) Questionnaire for our April 16-20, 2018 review (attached). **Please be aware that some of the attachments contain security-related sensitive information for official use only and have been marked accordingly.** We have arranged for a conference room to use for file reviews, interviews and team meetings.

The Agency strives to exceed the requirements of our agreement with NRC and to meet our commitment to the licensees and citizens of Illinois. We look forward to this opportunity to substantiate our efforts. The Agency appreciates the efforts of your team to visit us and evaluate our program.

If we may be of any further assistance or if you need details regarding lodging or restaurant recommendations, please feel free to contact me at (217) 785-9928. We will be happy to assist you with these items.

Sincerely,

A handwritten signature in black ink, appearing to read "Charles G. Vinson".

Charles G. Vinson, Head
Radioactive Materials

CGV:kjc

Enclosure

INTEGRATED MATERIALS PERFORMANCE EVALUATION PROGRAM
QUESTIONNAIRE

Reporting Period:

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.

The review team made no recommendations in regard to program performance by the Illinois Agreement State Program during the 2013 review. Based on the results of the IMPEP review, the next full review of the Illinois Agreement State Program was deemed to take place in approximately 5 years. State received a 1 year extension of its next IMPEP for having two consecutive IMPEP reviews with all indicators found satisfactory. A periodic meeting with Jim Lynch, Jack Giessner and Matt Learn was held on 11/10/15 where budgetary issues, staffing shortages and training were discussed at length.

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;
 - (b) A chart showing positions of the radiation control program, including management; and
 - (c) Equivalent charts for sealed source and device evaluation, low-level radioactive waste and uranium recovery programs, if applicable.

See Attachment 1.

¹Estimated burden per response to comply with this voluntary collection request: 53 hours. Forward comments regarding burden estimate to the Records Management Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, and to the Paperwork Reduction Project (3150-0183), Office of Management and Budget, Washington, DC 20503. If an information collection does not display a currently valid OMB control number, NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

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 & 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:

IEMA Management

Name	Position	Area of Effort	FTE%
William Robertson	Director	Administration	3
Jennifer Ricker	Acting Deputy Director	Administration	10
Adnan Khayyat	Bureau Chief – Radiation Safety	Administration	50

Radioactive Materials/SSD

Name	Position	Area of Effort	FTE%
Charles Vinson	Radioactive Materials Section Head	Administration/SSD	100
Mary Burkhart	Materials Licensing Unit Supervisor	Materials Licensing Supervisor/SSD	100
Sandi Kessinger	Security Manager	Materials Security Supervisor/Licensing/SSD	100
Whitney Cox	Materials License Reviewer	Materials Licensing	100
Adam Ekstedt	Materials License Reviewer	Materials Licensing	100
Gary Forsee	Inspection & Enforcement Unit Supervisor	Inspection & Enforcement Supervisor	100
Robin Muzzalupo	Regional Inspector Supervisor	Inspection & Enforcement	100
John Papendorf	Inspector - Contractor	Inspection & Enforcement	100
Karemdeep Virk	Inspector	Inspection & Enforcement	100
Tauheedah Shareef	Inspector	Inspection & Enforcement	100
James Hirn	Inspector	Inspection & Enforcement	100

LLRW, Decommissioning, Uranium Recovery, and Transportation

Name	Position	Area of Effort	FTE%
Kelly Horn	Environmental Management Section Head	Supervision	100
Kelly Grahn	W. Chicago Resident Inspector/LLRW License Inspector	Inspection, Licensing, 274i Inspections, Responses	100

Contractors

Consulting Co. Name	Area of Effort	FTE%
Hanson Engineers, Inc.	Engineering technical support for license review and evaluation, engineering, groundwater issues.	Approximately 2 individuals = 25

Subcontractors

Company Name	Area of Effort
INTERA, Inc.	Hydrology & Geotechnical

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.

Karamdeep Virk - Bachelors in Nuclear Medicine Technology, Masters in Business Administration; 6 years as a Nuclear Medicine Technologist; 3 years in Radiation Safety; date of hire: 11/16/17

James Hirn - AAS Degree in Nuclear Medicine Technology; Nuclear Medicine Technologist; date of hire 12/18/17.

Adam Ekstedt - BS Chemistry; Health Physics Assistant Nov. 2011 in TSIR (Transportation Safety and Incident Response) section under BERS; 9/14 promoted to Health Physics Technician in Inspection & Enforcement Section under BRS; 10/26 lateraled into BRS Licensing Section; date of hire 11/1/2011.

Gary Forsee - Employed with IEMA since August of 2007; job duties have ranged from inspection and escort of radioactive material shipments, environmental monitoring of nuclear facilities, LLRW, preventive radiological detection program and training, drafting regulations, decommissioning work and incident response; previous work experience at the Illinois EPA in the compliance enforcement section; BS from SIU-C (2001) in Animal Science (Biology), additional coursework pursuing a BS in Chemistry; date of hire 7/1/17.

Tauheedah Shareef - Bachelor of Science degree in Physics from Purdue University; 2 years' experience at a large broadscope licensee and one year as a health physicist at a power utility; date of hire 11/16/17.

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.
- **Licensing Procedures (G-109) -Virk, Hirn, Forsee, Shareef (all FY19)**
 - **Root Cause/Incident Investigation Workshop (G-205) - Virk, Hirn, Shareef, Forsee (FY19)**

- Diagnostic and Therapeutic Nuclear Medicine (H-304) - Shareef (5/14/18)
 - Safety Aspects of Industrial Radiography (H-305) - Virk, Hirn, Shareef (FY19)
 - Safety Aspects of Well Logging (H-314) – Forsee, Virk, Hirn, Shareef (all FY19)
 - Transportation of Radioactive Materials (H-308) - Shareef, Hirn, Virk (all 6/18/18)
 - Brachytherapy, Gamma Knife, and Emerging Technology - Hirn, Shareef (5/7/18)
 - NRC Materials Control & Security(S-201) - Shareef, (5/21/18); Virk, Hirn, Forsee (FY19)
 - Fundamentals of Health Physics (H-122) - Hirn, Shareef, Virk (all 7/23/18)
 - Advanced Health Physics (H-201) - Shareef (8/6/18)
6. Identify any changes to your qualification and training procedure that occurred during the review period.
- IEMA added a refresher training component with database and new topics from IMC 1248.**
7. Please identify the technical staff that left your radioactive materials program during the review period and indicate the date they left.

Bev Clark	Inspector	Inspection & Enforcement	12/31/2013
Robb Harris	Materials License Reviewer	Materials Licensing	03/15/2016
Andy Gulczynski	Inspector	Inspection & Enforcement	07/31/2014
Nathan Albrecht	Materials License Reviewer	Materials Licensing	07/09/2015
Wendell Hickman	Inspector	Inspection & Enforcement	12/31/2015
Kendra Stockus	Administrative Assistant	General Licensing/Reciprocity	12/31/2015
Joanne Kark	Inspector	Inspection & Enforcement	05/30/2016
Adam Ekstedt	Inspector	Inspection & Enforcement	10/17/2016
Daren Perrero	Head of Inspection	Inspection & Enforcement	03/31/2017
Terry Lindley	Materials License Reviewer	Materials Licensing	05/24/2017

John Papendorf	Inspector	Inspection & Enforcement	12/31/2017
Richard Hasty	Materials License Reviewer	Materials Licensing	10/1/2013
Mike Klebe	LLRW Unit Supervisor	LLRW	05/30/2014

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.

Vacant	Inspector	Inspection & Enforcement	Vacant since 12/31/2017
Vacant	Inspector	Inspection & Enforcement	Vacant since 10/17/16
Vacant	License Reviewer	Licensing	Vacant since 5/24/17
Vacant	License Reviewer	Licensing	Vacant since 3/15/16
Vacant	License Reviewer	Licensing	Newly Created
Vacant	Inspector	Inspection & Enforcement	Newly Created

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.

Yes. Board members are required to complete a conflict of interest questionnaire for the Governor's office before they are appointed. Board members are also required to take annual ethics training and pass a test following such training. During the course of the training, board members are instructed to contact a Governor-appointed Ethics Officer if there is a perceived conflict of interest.

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.

The Agency inspects at frequencies at least as restrictive as IMC 2800. IEMA is more restrictive in some security related categories. Table to be provided during on-site review.

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.

See Attachments 2 and 3.

Radioactive Materials/SSD, LLRW and Uranium Recovery Programs

Weston (West Chicago Environmental Response Trust) - Since the last “regular” inspection, the only activities at the site have been groundwater sampling, removal of small amounts of material for offsite lab testing, and the recently completed well pump tests. Each of these activities are preceded by a plan, which is subject to Agency review and comment, and follow up information. This is well documented in the correspondence records between the Agency and the Licensee.

In the case of the semi-annual groundwater samples, a sampling plan is submitted, samples are collected and submitted for analysis, reports are compiled and submitted to the Agency for review. The Agency is also present and collects split samples during a portion of each sampling activity, and observes the sampling teams for adherence to the groundwater sampling procedures.

With respect to the groundwater remedy work, the licensee submits plans which are subject to Agency review and comment, occasionally adjustment, and periodic progress reports from the Licensee. Agency personnel have conducted site visits at the offsite lab and reviewed progress data. Similar levels of effort have been associated with the pump testing program, review of planning and designs, progress, and field visits during the testing. Water Remediation Technology – Master license is inspected against on an approximate 3 year cycle with independent well locations (19) inspected on a cycle dependent on media exchange.

City of Chicago – Annual license inspection is conducted.

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

See Attachments 4 and 5.

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.

None. In spite of personnel turnover, existing staff have worked extremely hard to make sure no priority 1, 2, and 3 inspections are overdue at this time.

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.

Reciprocity licenses are not issued for a fixed calendar year. As a result, reporting the number that were candidates at a given time is not possible. However, IEMA had 80 active reciprocity licensees and 273 applications to work received over the review period. A total of 74 field operation inspections were conducted for those licensees.

III. Technical Quality of Inspections

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

New checklists and amended frequencies to be less restrictive (matching NRC 1248 except for some security categories).

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

<u>Inspector</u>	<u>Supervisor</u>	<u>License Category</u>	<u>Date</u>
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See Attachment 6.

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?

In addition to existing instruments, the Agency purchased a number of Thermo-Identifinder instruments for field spectroscopy measurements. All radiological instruments are in calibration at this time with a sufficient number available at any given time. Those calibrations are performed either by the manufacturer or the Agency's certified calibration facility on an annual basis

IV. Technical Quality of Licensing Actions

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

615 including the following LLRW/Uranium Recovery Sites:

STA-583	Weston (West Chicago Environmental Response Trust)
IL-02251-01	Water Remediation Technologies
IL-02467-01	City of Chicago

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.

See Attachment 7.

Radioactive Materials/SSD, LLRW and Uranium Recovery Programs

Weston

- 2/17/15 Amendment 81
- 8/6/15 Amendment 82, RAM Storage at office and GW changes to Bi Annual
- 7/7/15 to 10/16/15 Inspection of Amendment 82
- 10/16/15 Amendment 83 Extend import of offsite material date
- 2/29/16 Inspection letter for 82
- 4/25/16 Amendment 84, reserved conditions
- 2/24/17 Amendment 85 no changes

Water Treatment Technology

- Amendment 19 6/5/2013
- Amendment 20 1/10/2014
- Amendment 21 5/22//2015
- Amendment 22 1/10/2018

City of Chicago

- License Issuance 7/10/2015
- Amendment 1 7/18/2016
- Amendment 2 11/27/2017

ADCO

- Terminated 9/30/2014

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

None

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

See Attachment 8.

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.

IL-02092-01, VCA Animal Hospital

IL-01291-22, A.G. Phillips, M.D

60% of the licensing staff transitioned in this review period. The policy change for license reviewers starting as HP technicians also results in additional delays for complex actions. Staff has been attending the NRC core courses as expediently as possible.

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:

Licensee Name License # Date of Incident/Report Type of Incident

None to report. All incidents have been reported to the US NRC.

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

March 10, 2014 – reassignment of duties (amendment currently pending)

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.

20 ILCS 3305/ Illinois Emergency Management Agency Act

20 ILCS 3310/ Nuclear Safety Law of 2004.

FREEDOM OF INFORMATION ACT [5 ILCS 140/1 - 140/11] - amended

ILLINOIS ADMINISTRATIVE PROCEDURE ACT [5 ILCS 100/1-1 - 15-100] - amended

Radioactive Waste Storage Act [420 ILCS 35]

Radiation Protection Act of 1990 [420 ILCS 40] - amended

Uranium and Thorium Mill Tailings Control Act [420 ILCS 42] - amended

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

Public Act 91-752 which was effective June 1, 2005, extended the sunset date for the Radiation Protection Act of 1990 until January 1, 2021.

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.

All have been adopted as final. One remaining comment is in the state approval process now (NRC Letter 11/1/16).

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 have been adopted as final.

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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See Attachment 9

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

Technical Staffing and Training – **See questions 2-9**
Technical Quality of Licensing Actions – **See questions 18-22**
Technical Quality of Incident and Allegation Activities – **See questions 23-24**

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

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 – **See questions 2-9**
Status of Materials Inspection Program – **See questions 10-14**
Technical Quality of Inspections – **See questions 15-17**
Technical Quality of Licensing Actions – **See questions 18-22**
Technical Quality of Incident and Allegation Activities – **See questions 23-24**

ACTIVE MEMORANDA/POLICY INDEX

1. Memo to RAM Staff regarding Frequency of Inspections. (January 5, 2005)
2. Memo to Licensing Staff - Update, Procedures/Responsibilities for Processing Licensing Actions. (February 15, 2005)
3. Memo to RAM Staff regarding Increased Controls. (September 20, 2005)
4. Memo to RAM Staff regarding Controls Condition. (October 7, 2005)
5. Memo to RAM Staff regarding Controls Condition. (October 19, 2005)
6. Memo to RAM Staff regarding Security Review for All Actions. (April 28, 2006)
7. Memo to Technical Staff regarding Policy Concerning Increased Controls Inspection Prioritization. (May 18, 2006)
8. Memo to RAM Staff regarding Security Checklist/Background Checks. (August 1, 2007)
9. Memo to RAM Staff regarding Security Checklist/Background Checks. (February 11, 2008)
10. Memo to RAM Staff regarding Increased Controls Requirements. (March 28, 2008)
11. E-mail to RAM Staff regarding Non-Collocation Condition. (May 6, 2008)
12. E-mail to RAM Staff regarding Security Related Information, NRC Information Notice 2008-03. (July 16, 2008)
13. Memo to RAM Staff regarding Fingerprint Reminder Letter. (September 10, 2008)
14. Memo to RAM Staff regarding Specialty Board(s) Certification Recognized by NRC Under 10 CFR Part 35. (September 19, 2008)
15. Memo to RAM Staff regarding Acting Unit Head. (October 16, 2008)

16. Memo to RAM Staff regarding Technical Request Form. (December 1, 2008)
17. Memo to RAM Staff regarding Steve Collins as Acting Licensing Unit Supervisor. (January 14, 2009)
18. Memo to RAM Staff regarding Security Checklist/Background Checks. (March 13, 2009)
19. Memo to Gibb Vinson (distributed to RAM staff) regarding Revisions to Standard Conditions. (March 25, 2009)
20. Memo to RAM Staff regarding Fingerprinting & FBI Identification & Criminal History Record Checks. (April 2, 2009)
21. Memo to RAM Staff regarding Compliance with National Source Tracking System (NSTS) Requirements. (July 14, 2009)
22. Memo to RAM Staff regarding Prohibition on Unlimited Possession Limits on Radioactive Materials Licenses. (August 6, 2010)
23. Memo to Joe Klinger regarding exemption granting Resurrection Medical Center partial relief from 32 Ill. Adm. Code 335.8160(b)(6) for the measurement of HDR applicator tubes used in conjunction with the Nucletron MicroSelectron HDR Classic. (April 1, 2011)
24. Memo to RAM Staff regarding Mary Burkhart named as Supervisor of Radioactive Materials Licensing. (April 26, 2011)
25. Memo to RAM Licensing Staff regarding IC Security Checklist and On-Site Security Inspections. (July 25, 2011)
26. Memo to RAM Licensing staff regarding Additional Licensing Condition. (November 3, 2011)
27. Memo to BRS & BES Technical Staff regarding Shift in Duties for Incident Response. (December 21, 2011.)
28. Management Control Policy – Effective April 1, 2012.
29. Memo to Gibb Vinson regarding Permit 29/Combined BRS Materials Use. (May 30, 2012.)

30. Memo to Policy Manual regarding Protection Requirements for Safeguards Information-Modified. (November 1, 2012)
31. Memo to Policy Manual regarding Need-To-Know List for access to Safeguards Information-Modified. (November 14, 2012)
32. Memo to Materials Licensing Staff, Kessinger and Perrero regarding new form to document one time disposal of sealed sources. (December 27, 2012)
33. Email to RAM staff regarding Safety Culture Polity Statement. (January 7, 2013)
Memo to Gibb Vinson regarding Signatory Authority. (February 22, 2013)
34. Email to RAM staff regarding SUNSI information. (April 12, 2013)
Email to RAM staff regarding Safety Culture Website. (October 24, 2013)
35. Memo to BRS staff regarding Response duties for radiation alarms. (March 10, 2014)
36. Email to RAM staff regarding 591 Form for Increased Control (IC) inspections. (April 22, 2014)
37. Email to RAM staff with Permit 29 attached. (July 1, 2014)
38. Email to BRS with ADCO update. (October 1, 2014)
39. Email with attached memo to RAM staff and Accreditation Unit regarding Policy Concerning Radiography Training Program Approvals. (February 24, 2015)
40. Memo to RAM staff regarding the revised Fee Transmittal Form. (June 12, 2015)
41. Memo to RAM staff regarding Extension of License Renewal Period for Radioactive Materials Licenses. (June 30, 2015)
42. Memo to RAM staff regarding Inspection Priorities (frequency). (July 1, 2015)
43. Email to RAM staff regarding RAM License Renewals. (July 1, 2015)
44. Memo to RAM staff with attached Radioactive Materials Refresher Training for IMPEP. (October 6, 2015)

45. Email to RAM staff regarding IEMA HDR Information Notice. (December 8, 2015)
46. Email to RAM staff regarding Updated RAM Pre-Licensing Security Measures. (February 24, 2016)
47. Memo to Kelly Horn from Kay Foster with Permit 29 attached. (July 5, 2016)
48. Email to RAM staff regarding Permit 29. (July 15, 2016)
49. Email to RAM staff with GAO report attached. (August 4, 2016)
50. Email to RAM staff regarding Updated RAM Pre-Licensing Security Measures. (December 22, 2016)
51. Memo to RAM staff regarding Interpretation of Dosimetry Processing. (January 24, 2017)
52. Email to RAM staff regarding Reassignment of Daren Ferrero's duties. (March 27, 2017)
53. Memo to RAM Inspection staff regarding Inspectors' Signatory Authority. (March 29, 2017)
54. Memo to Training File regarding Pharmacy/Cyclotron Training – Terry Lindley. (May 4, 2017)
55. Memo to Training File regarding Medical Inspections – Whitney Cox. (September 19, 2017)
56. Memo to Training file regarding reciprocity correspondence – Gary Forsee. (September 29, 2017)
57. Memo to BRS staff regarding Response protocols for Radiation Monitor Alarms & Citizen Complaints. (Date TBD)
58. Memo to RAM staff regarding Signatory Update for Inspection & Enforcement. (January 8, 2018)
59. Email to RAM staff regarding RAM Section Training. (March 21, 2018)

60. Memo to Gibb Vinson regarding Revisions to Standard Condition. (March 30, 2018). (Also emailed to RAM staff April 4, 2018)
61. Email to RAM staff with Permit 29 attached. (April 3, 2018)

(g:\office\lists\actmem.ind2009)
(updated April 2018)