INTEGRATED MATERIALS PERFORMANCE EVALUATION PROGRAM QUESTIONNAIRE

Region I Division of Nuclear Materials Safety
Reporting Period: April 30, 2010 to April 3, 2015 (data through March 15, 2015)

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.

   Response:
   The 2010 Region I IMPEP report included no comments or recommendations. The report from the Periodic Meeting in February 2013, indicated performance was satisfactory with no performance concerns or issues. However, attendees discussed the Division's program for incident response including the completeness and timeliness of NMED reporting. FSME staff provided to the Division a list of records dating back to 2011 categorized in NMED as "not complete" or "request for additional information." The Division committed to investigating these cases and supplying what is needed for closure, but requested assistance with some type of "tickler" report from the NMED contractor or inclusion of these cases in the quarterly operating plan data issued by FSME, for better management oversight of these cases to completion. FSME staff took this item for additional consideration. Additionally, Region I has closed all of the NMED reports where follow-up actions have been completed.

   Annual self-assessments have been completed (last one completed in September 2014) and all have concluded that the region continues to implement an effective materials program at a consistently high level of performance. The most recent self-assessment report documents 3 findings and 10 observations. The self-assessment can be found in ADAMS under Accession No. [redacted]. Recommended actions to address the observations were tracked using the DNMS Action Item List.

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 Regional Administrator down to the Division and Branch Management;
   b. A chart showing positions of the radioactive materials 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.

   Response:
   Please refer to Attachment 1.

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 the 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.

Response:
Please refer to Attachment 2.

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.

Response:
Please refer to Attachment 3.

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.

Response:
James Cassata – Dr. Cassata is completing all required courses and is working on completion of the Inspection Manual Chapter (IMC) 1248 qualification requirements for a license reviewer and materials inspector. Dr. Cassata is tentatively scheduled for completion of his qualification requirements in late 2015.

Monica Ford – Although not required for her current position, Ms. Ford is completing the IMC 1248 license reviewer and or materials inspector qualifications. Ms. Ford is tentatively scheduled to complete the qualifications in FY 2016.

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

Response:
Region I implemented use of the IMC 1248 guidance for qualification and training requirements in April of 2013. Prior to that time, Region I implemented the IMC 1246 guidance. In addition, Region I implements and maintains Region I, DNMS Directive 0400/1, "DNMS Training and Qualification Program."

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

Response:
Please refer to Attachment 4.

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.

Response:
DNMS is currently in the process of filling one vacancy in the Decommissioning and Technical Support Branch (Branch 3) with an incumbent from DRP. The selectee will transition to her new position in May 2015.

After reviewing the current and future budget and resource needs of DNMS, the decision was made to "hire ahead" for two positions in anticipation of future losses within the division. These positions will allow new staff to complete a substantial portion of the qualification program before the anticipated retirements occur. Management is currently reviewing applications and will schedule interviews for the two "hire ahead" positions.

Based on current budget predictions for fiscal years 2016 and 2017, DNMS staffing levels will approximately remain the same as current staffing levels. DNMS management continues to assess budget and resource needs and make pro-active hiring decisions.

Current Vacancies	Date Vacant (reason for vacancy)
ISFSI & Decommissioning Inspector	June 2014 (GG-13 rotation and transfer, yet still providing support)
Additional Hires	**Remarks**
Health Physicist (Materials License Reviewer/Inspector)	New position (Hire ahead position in preparation for future vacancy)
Health Physicist (Materials License Reviewer/Inspector)	New position (Hire ahead position in preparation for future vacancy)

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.

Response:
Not Applicable.

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.

Response:
Region I is inspecting no individual licensee or category of licensee less frequently than called for in 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.

Response:

Fiscal Year	2010	2011	2012	2013	2014	2015	Total
Inspections of Priority 1, 2, and 3 licensees	52	197	179	241	114	70	853
Initial Inspections	14	27	26	25	25	2	119

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 during the review period.

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 finding issued

Response:
Please refer to Attachment 5. Generally, most overdue inspections were attributed to data entry errors in the Licensing Tracking System (LTS)/Web Based Licensing (WBL) system.

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 the action plan for completing the overdue inspections.

Response:
There are no inspections currently overdue.

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

Response:

Calendar Year	Reciprocity Candidates for Inspection	Number of Candidate Reciprocity Inspections Completed	% of Candidates Inspected
2010	16	4	25
2011	17	5	29
2012	21	5	24
2013	7	4	57
2014	12	3	25

III. Technical Quality of Inspections

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

Response:
DNMS conducts its inspection program in accordance with inspection procedures and guidance developed by NMSS (formerly FSME), including revisions made during the reporting period.

16. Prepare a table showing the number and types of supervisory accompaniments made during the review period. Include Inspector, Supervisor, License Category, and Date.

Response:
Please refer to Attachment 6. Supervisors accompany all inspectors on an inspection at least once each fiscal year with the exception of one inspector in FY 2014 (see note on Attachment 6). DNMS monitors the progress towards meeting this accompaniment goal each month.

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?

Response:
DNMS maintained a sufficient number of portable instruments calibrated and available for use by inspection staff during the review period. Semi-annual inventories are performed to monitor instrument status and assure operability for inspection needs. A designated DNMS supply room with limited access by staff is used for instrument storage. There is a separate supply of instruments designated for use in the event of emergencies. A DNMS Health Physicist has responsibility for assuring instrument calibration and inventory control. Repair and calibration of portable instrumentation is performed under service contract by RSCS in Stratham, New Hampshire, or by the manufacturer.

Region I has no in-house laboratory capability. Samples collected in the field are sent to Oak Ridge Institute for Science and Education for analysis.

IV. Technical Quality of Licensing Actions

18. How many specific radioactive materials licenses does the program regulate at this time?

Response:
As of March 15, 2015, the Region regulates 915 specific radioactive materials 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.

Response:
Please refer to Attachments 7 and 8.

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

Response:
Please refer to Attachment 9.

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

Response:
Licensing reviews were conducted in accordance with applicable volumes of NUREG-1556, "Consolidated Guidance About Materials Licenses," regional licensing references, and the licensing toolkits contained on the NRC website. The Region continues to use an internally-developed macro-based licensing system which improves the efficiency, consistency, and effectiveness of issuing licenses.

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.

Response:
No current renewal applications have been 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 Materials 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

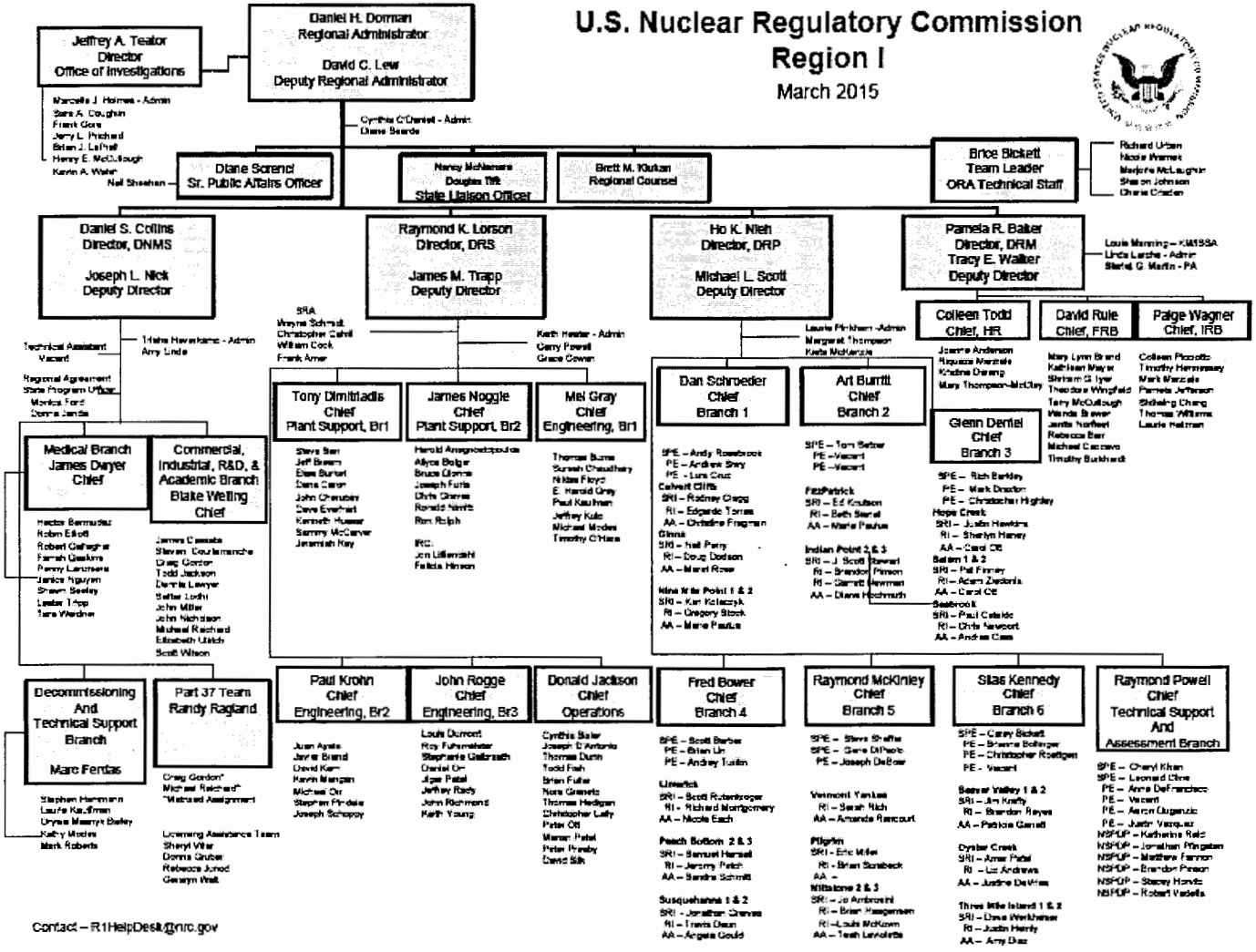
Response:
Not Applicable.

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

Response:
Region I response to incidents and allegations continues to be performed in accordance with NRC policy and procedures.

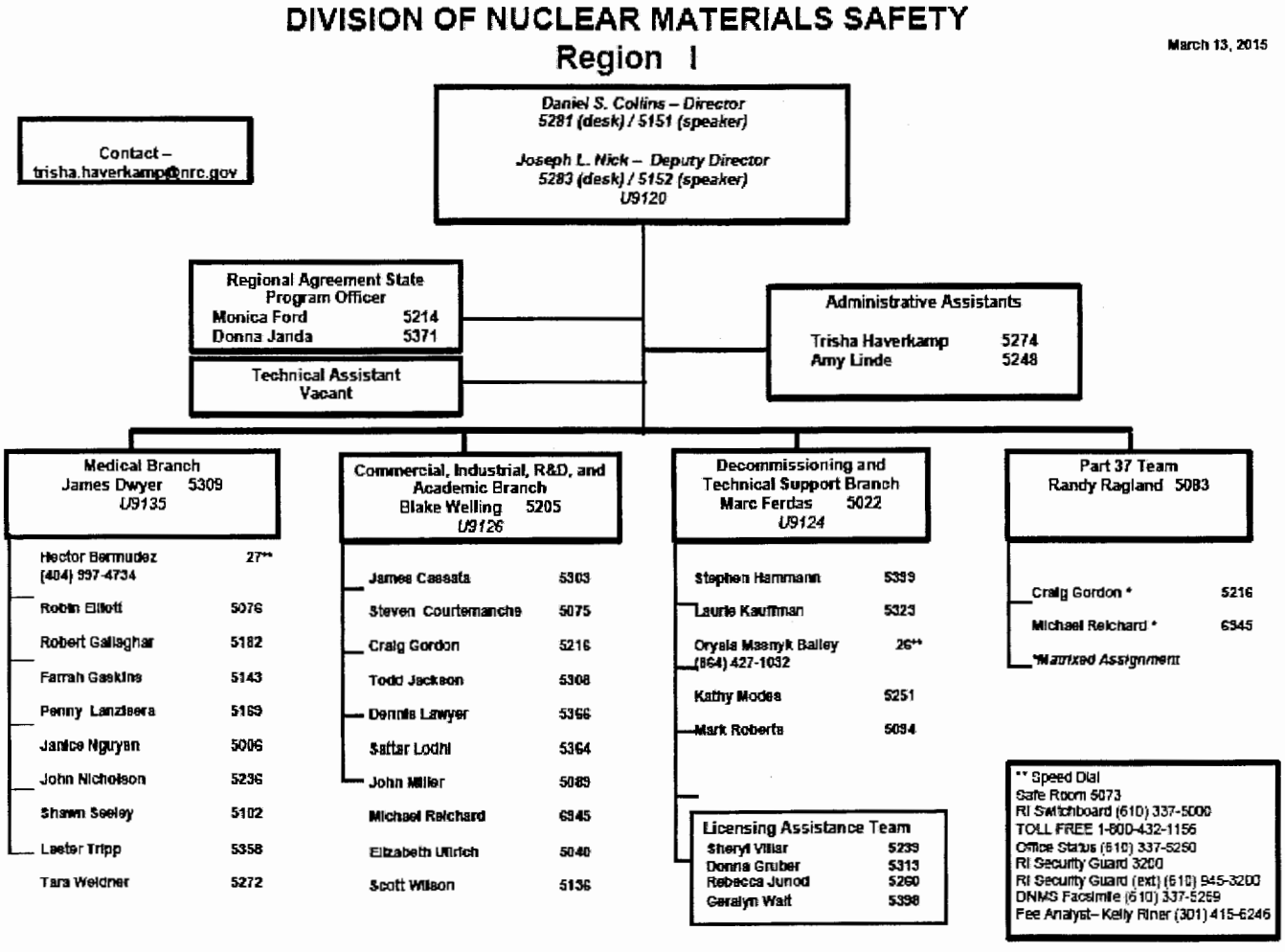
ATTACHMENT 1

Region I Organization Chart and DNMS Organization Chart



ATTACHMENT 1

Region I Organization Chart and DNMS Organization Chart



ATTACHMENT 2

Region I Division of Nuclear Materials Safety Staffing Plan

Name	Position	Area of Effort	FTE %
Daniel Collins	Division Director	Management	100
Joseph Nick	Deputy Director	Management	100
James Dwyer	Branch Chief	Management	100
Blake Welling	Branch Chief	Management	100
Marc Ferdas	Branch Chief	Management	100
Donna Janda	State Agreements Officer	Agreement State Program	100
Monica Ford	State Agreements Officer	Agreement State Program	100
Vacant[1]	Technical Assistant	Radioactive Material Program	100
Hector Bermudez	Health Physicist	Radioactive Material Program	100
James Cassata[2]	Health Physicist	Radioactive Material Program	100
Steven Courtemanche	Health Physicist	Radioactive Material Program	100
Robin Elliott	Health Physicist	Radioactive Material Program	100
Robert Gallaghar	Health Physicist	Radioactive Material Program	100
Farrah Gaskins	Health Physicist	Radioactive Material Program	100
Craig Gordon	Senior Health Physicist	Radioactive Material Program	100
Stephen Hammann[3]	Senior Health Physicist	Radioactive Material Program	100
Todd Jackson	Senior Health Physicist	Radioactive Material Program	100
Laurie Kauffman[3]	Health Physicist	Radioactive Material Program	100
Penny Lanzisera	Senior Health Physicist	Radioactive Material Program	100
Dennis Lawyer	Health Physicist	Radioactive Material Program	100
Sattar Lodhi	Senior Health Physicist	Radioactive Material Program	100
Orysia Masnyk Bailey[3]	Health Physicist	Radioactive Material Program	100
John Miller	Health Physicist	Radioactive Material Program	100
Kathy Modes[3]	Senior Health Physicist	Radioactive Material Program	100
Janice Nguyen	Senior Health Physicist	Radioactive Material Program	100
John Nicholson	Health Physicist	Radioactive Material Program	100
Randy Ragland	Senior Health Physicist	Radioactive Material Program	100
Michael Reichard	Health Physicist	Radioactive Material Program	100
Mark Roberts[3]	Senior Health Physicist	Radioactive Material Program	100
Shawn Seeley	Health Physicist	Radioactive Material Program	100
Lester Tripp	Health Physicist	Radioactive Material Program	100
Elizabeth Ullrich	Senior Health Physicist	Radioactive Material Program	100
Tara Weidner	Senior Health Physicist	Radioactive Material Program	100
Scott Wilson	Health Physicist	Radioactive Material Program	100
Brianna Bollinger[3and 4]	Health Physicist	Radioactive Material Program	100
Hire Ahead[5]	Health Physicist	Radioactive Material Program	100
Hire Ahead[5]	Health Physicist	Radioactive Material Program	100

[1] Solicitation for a temporary candidate is currently posted.
[2] IMC 1248 Materials License Reviewer and/or Inspector Qualification in Progress.
[3] Includes Independent Spent Fuel Storage Installation (ISFSI) and/or Reactor Decommissioning Activities.
[4] Incumbent candidate selected – start date in May 2015.
[5] "Hire ahead" positions in anticipation of future losses – interviews in progress

ATTACHMENT 3

New Professional Hires in DNMS Since 2010

Name	Date Hired in DNMS	Degree(s)	Additional Training	Years of Experience in Health Physics
S. Seeley	July 2010	B.S., Microbiology	Various, including RSO experience with a biotechnology firm and experience working for Maine Agreement State Program as a qualified license reviewer and inspector.	22
R. Elliott	August 2010	B.S., Physics M.S., Physics	Various, including experience working for NRC licensees as RSO	32
M. Ford	January 2011	B.S., Nuclear Medicine Technology M.S., Health Physics	Various, including working for NRC licensees in diagnostic and therapeutic nuclear medicine; certified Nuclear Medicine Technologist; Registered Technologist in Nuclear Medicine	17
R. Gallaghar	December 2012	B.S., Geology	Various, including experience working for Massachusetts Agreement State Program as a qualified license reviewer inspector and Acting Director	22
J. Miller	December 2012	B.S., Physics M.S., Radiation Science	Various, including previous experience as NRC Materials Inspector and License Reviewer and RSO for NRC broad-scope licensee	33
J. Cassata	August 2014	B.S., Chemical Engineering M.S., Mechanical Engineering Doctorate, Nuclear Engineering	Various, including working for the Navy MML program and certified health physicist	26

ATTACHMENT 4

DNMS Technical Staff That Have Transferred or Retired Since April 2010

Name	Position	Departure Date	Reason
David Collins	Health Physicist	November 2010	Retirement
James Kottan	State Agreements Officer	August 2010	Retirement
Jenny Johansen	Health Physicist	July 2010	Retirement
Bryan Parker	Health Physicist	February 2012	Transfer to Region III
Sandra Gabriel	Senior Health Physicist	July 2012	Transfer to FSME/NMSS
Maryann Abogunde	Health Physicist	September 2014	Transfer to FSME/NMSS
Thomas Thompson	Senior Health Physicist	February 2014	Retirement

Office of Federal and State Materials and Environmental Management Programs (FSME)/Nuclear Materials Safety and Safeguards (NMSS)

ATTACHMENT 5

Overdue Routine Priority 1, 2, and 3 Inspections

Routine Priority 1, 2, and 3 Inspections							
Licensee Name	**License / Docket No.**	**PCode/ Priority**	**Last Inspection or Lic Issued**	**Due Date**	**Date Performed**	**Days Overdue**	**Report Issued**
Valley Inspection Service, Inc. [1]	19-28683-01 / 03032529	[redacted]	10/08/2009	12/30/2010	06/16/2011	168	06/16/2011
Riley, Mannon & Sturgeon Ltd. [1]	47-31316-01 / 03037778	[redacted]	11/18/2008	08/14/2012	01/29/2013	167	02/05/2013
Valley Inspection Service, Inc. [1]	29-03405-02 / 03005291	[redacted]	10/08/2009	12/30/2010	06/16/2011	168	06/16/2011
Integrity Testlab[1]	07-30791-01 / 03036177	[redacted]	08/17/2011	11/17/2012	02/27/2013	102	02/27/2013
Christiana Care Health Services[1]	07-12153-02 / 03001303	[redacted]	11/16/2010	05/16/2013	07/16/2013	60	08/30/2013

Comments:
[1] LTS/WBL data entry error

Overdue Routine Initial Inspections

Initial Inspections							
Licensee Name	**License / Docket No.**	**PCode/ Priority**	**Last Inspected or Lic Issued**	**Due Date**	**Date Performed**	**Days Overdue**	**Report Issued**
Universal Well Services	37-35092-01/ 03038671	[redacted]	08/27/2013	08/26/14	10/14/2014	49	11/26/14

ATTACHMENT 6

Inspector Accompaniments FY10 – FY15
(accompanied by)

Inspector Name	FY10	FY11	FY12	FY13	FY14	FY15
Abogunde	N/A	N/A	April [redacted] (Nick)	February [redacted] (Dwyer)	May [redacted] (Dwyer)	N/A
Bermudez	September [redacted] (Ferdas)	November [redacted] (Ferdas)	February [redacted] (Nick)	December [redacted] (Dwyer)	June [redacted] (Dwyer)	Not yet completed
Cassata	N/A	N/A	N/A	N/A	N/A	Not yet completed
Collins, David	December [redacted] (Miller, M.)	N/A	N/A	N/A	N/A	N/A
Courtemanche	September [redacted] (Dwyer)	September [redacted] (Dwyer)	February [redacted] (Joustra)	December [redacted] (Joustra)	August [redacted] (Welling)	Not yet completed
Elliot	N/A	N/A	September [redacted] (Dwyer)	August [redacted] (Dwyer)	September [redacted] (Dwyer)	December [redacted] (Janda)
Gabriel	January [redacted] (Ferdas)	March / April [redacted] (Ferdas)	N/A	N/A	N/A	N/A
Gallaghar	N/A	N/A	N/A	February / March [redacted] (Dwyer)	March [redacted] (Dwyer)	Not yet completed
Gaskins	August [redacted] (Dwyer)	August [redacted] (Dwyer)	May [redacted] (Joustra)	July [redacted] (Joustra)	January / May [redacted] (Welling)	February [redacted] (Dwyer)

ATTACHMENT 6

Inspector Accompaniments FY10 – FY15
(accompanied by)

Inspector Name	FY10	FY11	FY12	FY13	FY14	FY15
Gordon	December [redacted] (Miller, M.)	September [redacted] (Miller, M.)	March [redacted] (Welling)	August [redacted] (Welling)	March [redacted] (Welling)	February [redacted] (Welling)
Hammann	May Spent fuel storage (Joustra)	July ISFSI Loading Campaign (Joustra)	June ISFSI (Ferdas)	March RTR Decomm (Ferdas)	April ISFSI (Ferdas)	Not yet completed
Jackson	September [redacted] (Dwyer)	August [redacted] (Dwyer)	May [redacted] (Joustra)	August [redacted] (Joustra)	June [redacted] (Welling)	Not yet completed
Kauffman	March [redacted] (Joustra)	April Decomm (Joustra)	April Decomm (Ferdas)	May Decomm (Ferdas)	Unable to complete due to work restrictions	Not yet completed
Lanzisera	March [redacted] (Ferdas)	April – August [redacted] (Ferdas)	February [redacted] (Nick) June [redacted] (Dwyer)	March [redacted] (Dwyer)	April [redacted] (Dwyer)	February [redacted] (Dwyer)
Lawyer	March [redacted] (Dwyer)	February [redacted] (Dwyer)	December [redacted] (Joustra)	June [redacted] (Joustra)	July [redacted] (Welling)	Not yet completed
Lodhi	September [redacted] (Miller, M.)	September [redacted] (Miller, M.)	September [redacted] (Welling)	September [redacted] (Welling)	February [redacted] (Welling)	Not yet completed
Masnyk Bailey	August [redacted] (Joustra)	January [redacted] (Joustra)	August [redacted] (Ferdas)	June ISFSI (Ferdas)	August ISFSI (Ferdas)	November ISFSI (Ferdas)

ATTACHMENT 6

Inspector Accompaniments FY10 – FY15
(accompanied by)

Inspector Name	FY10	FY11	FY12	FY13	FY14	FY15
Miller, J.	N/A	N/A	N/A	May [redacted] (Joustra)	February [redacted] (Welling)	November [redacted] (Welling)
Modes	June Spent fuel storage (Joustra)	July Safestor (Joustra)	February [redacted] (Ferdas)	February / March [redacted] (Ferdas)	September [redacted] (Ferdas)	Not yet completed
Nicholson	May Spent fuel storage (Joustra)	July ISFSI Loading Campaign (Joustra)	May [redacted] (Ferdas)	December SF Inter-unit xfer [redacted] (Ferdas)	November ISFSI (Ferdas)	Not yet completed
Nguyen	December [redacted] (Ferdas)	January [redacted] (Ferdas)	June [redacted] (Dwyer)	March [redacted] (Dwyer)	August [redacted] (Dwyer)	October [redacted] February [redacted] (Dwyer)
Parker	September [redacted] (Dwyer)	February [redacted] (Dwyer)	N/A	N/A	N/A	N/A
Ragland	September [redacted] (Miller, M.)	April [redacted] (Miller, M.)	August [redacted] (Welling)	March [redacted] (Welling)	May Part 37 [redacted] (Dwyer)	Not yet completed
Reichard	September [redacted] (Miller, M.)	March [redacted] (Miller, M.)	December [redacted] (Welling)	January [redacted] (Welling)	December [redacted] (Welling)	February [redacted] (Welling)

ATTACHMENT 6

Inspector Accompaniments FY10 – FY15
(accompanied by)

Inspector Name	FY10	FY11	FY12	FY13	FY14	FY15
Roberts	September Portable gauge [redacted] (Joustra)	February [redacted] (Joustra)	June Monitoring visit (Ferdas)	November Monitoring visit (Ferdas)	July Decomm (Ferdas)	Not yet completed
Seeley	N/A	March / June [redacted] (Joustra)	May [redacted] (Welling)	October [redacted] (Welling)	April [redacted] (Dwyer)	December [redacted] (Janda)
Thompson	September [redacted] (Dwyer)	September [redacted] (Dwyer)	May / August [redacted] (Joustra)	June [redacted] (Joustra)	Retired	N/A
Tripp	January [redacted] (Ferdas)	June – September [redacted] (Ferdas)	August [redacted] (Dwyer)	August [redacted] (Dwyer)	June [redacted] (Dwyer)	Not yet completed
Ullrich	September [redacted] (Dwyer)	April [redacted] (Dwyer)	August [redacted] (Joustra)	May [redacted] (Joustra)	May [redacted] (Welling)	Not yet completed
Weidner	June/July [redacted] (Ferdas)	April – August [redacted] (Ferdas)	August [redacted] (Dwyer)	September [redacted] (Dwyer)	May [redacted] (Dwyer)	Not yet completed
Wilson	July [redacted] (Miller, M.)	August [redacted] (Miller, M.)	May [redacted] (Welling)	February [redacted] (Welling)	January [redacted] (Welling)	Not yet completed

ATTACHMENT 7

Significant Licensing Actions Since Last IMPEP

Licensee Name	License No. Docket No.	MC No.	Action	Program Code	Date Issued
National Institutes of Health	19-00296-10 03001786	573593	Amendment	[redacted]	11/26/2010
District Hospital Partners	08-30607-01 03035424	573711	Renewal	[redacted]	04/14/2011
Yale New Haven Hospital	06-00819-03 03001244	573906	Amendment	[redacted]	02/11/2011
Beta-Gamma Nuclear Radiology	52-25542-01 03035572	574132	Renewal	[redacted]	06/10/2011
University of Puerto Rico Medical Center	52-01946-07 03013584	575754 577817	Renewal	[redacted]	01/31/2012 12/21/2012
West Virginia University Hospital	47-23066-02 03020233 47-23066-03 03036074	575986 575987	Amendment	[redacted]	12/12/2011 12/12/2011
Walter Reed Army Medical Center	08-01738-02 03001317	576204 576205 580337	Amendments	[redacted]	04/02/2012 01/05/2012 05/15/2013
Washington Hospital Center	08-03604-03 03001325 08-03604-05 03005985	577204 577230 577231	Renewal and Amendment	[redacted]	06/19/2012 06/19/2012 06/19/2012
National Institutes of Health	19-00296-10 03001786	579164	Amendment	[redacted]	12/12/2012
Fletcher Allen HealthCare	44-10187-03 03003289	579826	Amendment	[redacted]	04/18/2013
Navy	45-23645-01NA 03029462	581698	Financial Assurance	[redacted]	01/23/2015
University of Connecticut Health Center	06-13022-02 03001295	582593	Renewal	[redacted]	05/19/2014
Washington Hospital Center	08-03604-03 03001325	582768	Amendment	[redacted]	03/17/2014
Eckert & Ziegler BEBIG	06-30764-02MD 03036179	583881	Amendment	[redacted]	08/07/2014
Fairmont General Hospital	47-17929-01 03013661	584313	Amendment	[redacted]	10/02/2014
Nordion (CANADA) Inc.	54-28275-01 03030788	583293	Renewal	[redacted]	11/10/2014
R.O.V. Technologies, Inc.	44-30912-01 03036563	581537	Change of Control	[redacted]	Still in review
CRMI	52-25430-03 03036911	576907	Amendment	[redacted]	Voided 09/12/2012
Wheeling Hospital	47-05322-02 03012570	577287	Notification	[redacted]	01/17/2013

ATTACHMENT 7

Significant Licensing Actions Since Last IMPEP

Licensee Name	License No. Docket No.	MC No.	Action	Program Code	Date Issued
Navy MML	45-23645-01NA 03029462	577789	Amendment	[redacted]	05/09/2013
Puerto Rico Medical Services Administration	52-31281-02 03037829	579383	Amendment	[redacted]	01/18/2013
Navy MML	45-23645-01NA 03029462	579473	Amendment	[redacted]	01/14/2013
USDA – Beltsville	19-00915-03 03004530	144081	Amendment	[redacted]	12/31/2012
TVA-WARL	41-08165-20 03038668	577292	Amendment	[redacted]	05/17/2012
Cabrera Services, Inc. Re: Great Kills Park, NY	06-30556-01 03035316	576315	Notification	[redacted]	11/29/2011
Army–Picatinny Arsenal	SUB-348 0406377	581537	EA	[redacted]	Still in review
ABB , Inc.	06-00217-06 03003754 SNM-1067 07001100	144464	Amendment	[redacted]	06/08/2011
United States Department of Agriculture	19-00915-03 03004530	144081	Amendment	[redacted]	12/31/2012
Department of the Army, Army Research Laboratory	SMB-141 04006394	572961	Safety Evaluation Report	[redacted]	09/14/2010
Uniformed Services University of the Health Sciences	19-23344-02 03032810	573705	Amendment	[redacted]	01/05/2011
Tracerco	07-28386-01 03031174	575970	Amendment	[redacted]	12/06/2011
Department of the Army, National Ground Intelligence Center	45-25134-01 03032042	575443	Renewal	[redacted]	09/26/2012
Light Sources, Inc.	06-31445-01 03038458	575971	Amendment	[redacted]	12/13/2012
Tennessee Valley Authority	01-06113-04 03003572	576841	Amendment Voided	[redacted]	04/04/2012
United Technologies Corporation	SMB-151 04000791	576725 577929	Notification Amendment	[redacted]	02/03/2012 08/06/2012
United States Department of Agriculture	19-00915-06 03006923	580279	Amendment	[redacted]	09/23/2013
Radiac Research Corporation (Radiac)	31-17528-01 03012908	580283 583544	Renewal Termination	[redacted]	04/03/2014 04/03/2014
Pfizer, Inc	06-05863-03 03038124	583584	Termination	[redacted]	10/09/2014
United Technologies, Pratt & Whitney	SMB-151 04000791	583820	Amendment	[redacted]	10/03/2014

ATTACHMENT 7

Significant Licensing Actions Since Last IMPEP

Licensee Name	License No. Docket No.	MC No.	Action	Program Code	Date Issued
Department of the Army, US Army Public Health Command	SMB-707 04007008	584142	Renewal	[redacted]	11/20/2014
Department of the Army	STB-1554 04009011	581165	Renewal	[redacted]	11/26/2013
Lockheed Martin Space System's Company	SUB-1502 04008944	581493	Renewal	[redacted]	01/15/2014
Department of Health and Human Services	37-01712-11 03019474	581571	Renewal	[redacted]	01/17/2014
U.S. Customs and Border Protection	08-17447-01 03012771	581655	Renewal	[redacted]	02/04/2014
Georgetown University	08-03114-05 03013627	577736	Financial Assurance	[redacted]	01/24/2014
12S, LLC	06-21253-01 03020102	584945	Renewal	[redacted]	02/20/2015
Alfred I. DuPont Hospital for Children	07-16199-01 03010568	577803	Financial Assurance	[redacted]	02/09/2014
Department of the Army	SNM-1649 07002302	582271	Termination	[redacted]	03/20/2014
T.L.B. Associates, Inc.	19-31389-01 03038168	582568	Amendment	[redacted]	04/09/2014
Melinta Therapeutics, Inc.	06-30726-01 03035971	582442	Amendment	[redacted]	04/09/2014
Department of the Army	20-30847-01 03036434	582589	Renewal	[redacted]	04/09/2014
State of Connecticut Department of Environmental Protection	06-27895-02 03037785	576684	Amendment	[redacted]	06/08/2012

ATTACHMENT 8

Bankruptcies in Region I Since 2010

Licensee Name	License No.	Action	Accession No.
Alco Corporation	52-24843-01	Bankruptcy Filing, Chapter 11	[redacted]
Coresco, LLC	47-31399-01	Bankruptcy Filing, Chapter 11	[redacted]
Engineering & Testing 2000, Inc.	47-19327-01	Bankruptcy Filing, Chapter 11	ML15030A165
Fairmount General Hospital	47-17929-01	Bankruptcy Filing	ML14052A362
Hospital Wilma N. Vazquez	52-25255-01	Bankruptcy Filing, Chapter 11	ML14140A501
Johnson Memorial Medical Center	06-16624-01	Bankruptcy Filing, Chapter 11	[redacted]
Longview Power LLC	47-31385-01	Bankruptcy Filing, Chapter 11	[redacted]
Pro-Imaging Diagnostics.	47-25522-01	Bankruptcy	[redacted]
Trinity Coal/DBA Frasure Creek Mining Deep Water Prep Plant	47-31165-01	Bankruptcy Filing	ML13107A102
Vion Pharmaceuticals, Inc.	06-30271-01	Bankruptcy	[redacted]
AES Thames, LLC	06-28216-01	Bankruptcy Filing, Chapter 11	ML110380194
Apogee Coal Company	47-24917-01	Bankruptcy Filing	ML12205A282
Catenary Coal Company	47-25301-01	Bankruptcy	ML12205A305
CMT	52-25489-01	Bankruptcy Filing, Chapter 11	ML121230267
Eastern Associated Coal, LLC	47-23053-01	Bankruptcy	ML12205A331
Hobet Mining LLC	47-23023-01	Bankruptcy	ML12205A349
Midland Trail Energy, LLC	47-31315-01	Bankruptcy Filing	ML12205A364
MPM Silicones, LLC	47-06067-03	Bankruptcy	ML14128A411
NewPage Corporation (Luke Paper Company)	19-00373-02	Bankruptcy	ML120390070 ML13169A303
NRD, LLC	31-28397-01G	Bankruptcy Filing, Chapter 11	ML091320015
Patriot Coal Corporation (Eastern Associated Coal, LLC)	47-23053-01	Bankruptcy Filing, Chapter 11	ML12205A331

ATTACHMENT 9

Licensing Variances

Licensee Name	License No. Docket No.	MC No.	Action	Program Code
Walter Reed Army Medical Center	08-01738-02 03001317	575945 580721	Amendment/ Termination	[redacted]
CRMI	52-25430-03 03036911	576907	Amendment	[redacted]
Wheeling Hospital	47-05322-02 03012570	577287	Notification	[redacted]
Navy MML	45-23645-01NA 03029462	577789	Amendment	[redacted]
Puerto Rico Medical Services Administration	52-31281-02 03037829	579383	Amendment	[redacted]
Navy MML	45-23645-01NA 03029462	579473	Amendment	[redacted]
USDA – Beltsville	19-00915-03 03004530	144081	Amendment	[redacted]
TVA-WARL	41-08165-20 03038668	577292	Amendment	[redacted]
Cabrera Services, Inc. Re: Great Kills Park, NY	06-30556-01 03035316	576315	Notification	[redacted]
ABB , Inc.	06-00217-06 03003754 SNM-1067 07001100	144464	Amendment	[redacted]
United States Department of Agriculture	19-00915-03 03004530	144081	Amendment	[redacted]
Department of the Army, Army Research Laboratory	SMB-141 04006394	572961	EA	[redacted]
Uniformed Services University of the Health Sciences	19-23344-02 03032810	573705	Amendment	[redacted]
Tracerco	07-28386-01 03031174	575970	Amendment	[redacted]
Department of the Army, National Ground Intelligence Center	45-25134-01 03032042	575443	Renewal	[redacted]
Light Sources, Inc.	06-31445-01 03038458	575971	Amendment	[redacted]
Tennessee Valley Authority	01-06113-04 03003572	576841	Amendment	[redacted]
United Technologies Corporation	SMB-151 04000791	576725 577929	Notification Amendment	[redacted]
United States Department of Agriculture	19-00915-06 03006923	580279	Amendment	[redacted]
Radiac Research Corporation (Radiac)	31-17528-01 03012908	580283	Renewal	[redacted]

ATTACHMENT 9

Licensing Variances

Licensee Name	License No. Docket No.	MC No.	Action	Program Code
Pfizer, Inc	06-05863-03 03038124	583584	Termination	[redacted]
United Technologies, Pratt & Whitney	SMB-151 04000791	583820	Amendment	[redacted]
Department of the Army, US Army Public Health Command	SMB-707 04007008	584142	Renewal	[redacted]

One Time Medical Exemptions

Licensee Name	License No. Docket No.	MC No.	Action	Program Code
Yale New Haven Hospital Amendment	06-00819-03	03001244	577488	[redacted]
CRMI Amendment	52-25430-03	03036911	584903	[redacted]

Variances and exemptions from regulations were coordinated with FSME/NMSS.