

INTEGRATED MATERIALS PERFORMANCE EVALUATION PROGRAM
QUESTIONNAIRE

Louisiana Department of Environmental Quality Radiation Section

Reporting Period: April 2012 – April 2016

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 recommends that the Department evaluate its review processes and develop appropriate actions to ensure that products issued are of high technical quality and meet the standard expectations of the Department.

Status: We have provided training to staff and have re-emphasized the use of standard operating procedures to ensure products issued by the Radiation Section are of high technical quality. Prior to issuance of licensing documents and sealed source and device evaluations, the Radiation Section performs several reviews to ensure the product is of high quality. The review process includes peer reviews, subject matter expert technical reviews, as well as supervisory and management reviews prior to issuance. At a minimum, five levels of review are performed on a licensing document before it is issued.

The review team recommends that all of the active sealed source and device registration commitments be located and made readily accessible by the State.

Status: The Radiation Section conducted an extensive search of hard copy and electronic records to ensure that all supporting documentation and commitments associated with sealed source and device registrations were located and readily accessible in the appropriate case file. The Radiation Section created individual folders for all 61 sealed source device registration evaluations. Each case file was reviewed and updated with hard copy documentation or were supported by electronic document references. Going forward, the Radiation Section implemented a peer review process to ensure that the supporting documentation is contained in the individual folder before issuing the registration and incorporates the guidance in NUREG-1556, Volume 3, "Application for Sealed Source Device Evaluation and Registration."

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.

The review team recommends that the State adhere to the document format and content guidance in current version NUREG-1556, Volume 3. (Section 4.2.2) (Kept open from the 2008 IMPEP review).

Status: The Radiation Section reviewed and updated all 61 of its Sealed Source and Device Nationwide Registry (SSDRs). The Radiation Section uses the format and content guidance in the current version of NUREG-1556, Volume 3. According to the Radiation Section, this recommendation was kept open from the 2008 IMPEP review because the Radiation Section did not review inactive sealed source and device registrations prior to the 2012 IMPEP review. Since the 2012 review, the Radiation Section has completed review of 61 device registrations including ones that were inactive and have updated all evaluations such that the files are current with NUREG-1556, Volume 3.

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;

Governor John Bel Edwards (D-LA) was inaugurated January 11, 2016, and appointed the following executive staff members to lead the Department of Environmental Quality.



OrgChart_Revised
3-10-16.pdf

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

Bryan P. Riche is the Administrator of the Assessment Division, of which the Radiation Section is a part.



AD-2-29-2016.pdf

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

N/A

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:

<u>Name</u>	<u>Position</u>	<u>Area of Effort</u>	<u>FTE%</u>
<u>ADMINISTRATION SECTION</u>			
<u>(See Attachment for Organization Chart)</u>			
Bryan Riche	Administrator	100% Administration	
Judith A. Schuerman	Manager	75% Admin. 20% Compl. 5% REPR	
Joseph Noble	Staff Technical Advisor	50%Compl 35%Admin 10%MQSA 5%REPR	
James Pate	Staff Technical Advisor	50%Compl20%Admin25%Hazwpr 5%REPR	
<u>Licensing & Registration</u>			
Richard S. Blackwell	Supervisor	45% Admin 45% Lic&Reg 5%REPR 5%LLW	
Karen Burgard	ES3	95% Lic&Reg 5% REPR	
Gilberto Cuadra	ES3	95% Lic&Reg 5% REPR	
Melanie Bauder	ES3	95% Lic&Reg 5% REPR	
Ziad Fahd	ES3	95% Lic&Reg 5% REPR	
Tiffany White	ES3	95% Lic&Reg 5% REPR	
<u>Surveillance</u>			
Dwayne Stepter	Supervisor	70% Compliance 25% Admin 5% REPR	
Jennifer Elee	ES3	75% Compliance 5% REPR 20% MQSA	
Mark Chrisman	ES3	95% Compliance 5% REPR	
Tiffany Rushing	ES1	95% Compliance 5% REPR	
John Fontenot	ES3	95% Compliance 5% REPR	
Kristen Bonds	ES2	75% Compliance 5% REPR 20% MQSA	
David Day	ES3	95% Compliance 5% REPR	
Russell Clark	ES3	95% Compliance 5% REPR	
Paula Lang	ES1	75% Compliance 5% REPR 20% MQSA	
Vacant	ES1-3	95% Compliance 5% REPR	
Vacant	ES1-3	95% Compliance 5% REPR	
Tim Butler	ES3	95% Compliance 5% REPR	
Ashley Menard	ES3	75% Compliance 5% REPR 20% MQSA	
<u>Enforcement</u>			
Kelly O'Neal	ES3	95% Enforcement 5% REPR	
<u>Emergency Planning and Response Section (REPR)</u>			
Daniel Lambert	Manager	75% Admin 20% ER 5% REPR	
Brad Schexnayder	Supervisor	50% REPR 25% CAPP 25% SPOC	
Toni Booker	ES3	100% REPR	
Michael McMahan	ES3	100% REPR	
Jessica Walker	ES3	100% REPR	
<u>Low-Level Radioactive waste</u>			
Richard S. Blackwell	Supervisor	45% Admin 45% Lic&Reg 5%REPR 5%LLW	

- 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.

Bryan Riche: MS in Environmental Science and BS in Horticulture. Bryan has completed the following training: FEMA Incident Command Courses 100, 200, 271, 300, 324, 400, 700, and 800, numerous Emergency Response training classes and Radiological Emergency Response training classes, 40-Hr HAZWOPER and annual 8-Hr refresher training, 40-Hr Hazardous Material Technician training and annual 8-Hr refresher training classes. He has been employed at DEQ for approximately nine years. He has been Administrator for approximately six months. Previously he was Emergency Response Manager for three years.

Gilberto Cuadra: BS in Biochemistry. Graduate Studies in Environmental Toxicology. He has completed FEMA Incident Command Courses 100, 200, 700 and 800 and 40-Hr HAZWOPER and annual 8-Hr refresher training classes. By April 30, 2016 he will have taken NRC Licensing and Well Logging courses. He will have also participated in Radiological Emergency Response Operations (RERO) training and nuclear plant drills. He has worked at DEQ for a total of 23 years and in the Assessment Division, Radiation Section, from February 1, 2016 to the present.

Tiffany White: Associate Degree of Radiologic Technology, Certificate of Applied Studies in Radiation Therapy, BS in Health Science with a concentration in medical imaging. Tiffany has obtained numerous clinical hours in hospital, emergency room, and outpatient settings performing analog and digital x-ray imaging, fluoroscopic procedures, and portable radiography. She also has clinical experience obtained at Oncologics, Inc. providing radiation therapeutic services using various equipment including Varian 2100C and Varian iX Linear Accelerators, MLC, IMRT, IMPAC Record and Verify System, PortalVision, CT Simulation with AcQuisim, and 3D Pinnacle Treatment Planning System. While being employed by DEQ, Tiffany has completed the FEMA Incident Command Courses 100, 200, 700, and 800 and has received training for Radiological Emergency Response Operations (RERO), NORM Surveyor, Hazardous Materials Technician, and Radiation Safety Licensing Branch Exam Proctor. She has also attended numerous NRC training courses such as: Introductory Health Physics; Transportation of Radioactive Materials; Safety Aspects of Well Logging; Safety Aspects of Industrial Radiography; Diagnostic and Therapeutic Nuclear Medicine; Brachytherapy, Gamma Knife, and Other Medical Uses; Materials Control and Security System and Principles; Licensing Practices and Procedures; and Multi-Agency Radiation Survey and Site Investigation (MARSSIM). She currently serves as a member of the CRCPD G-34 Committee on Industrial Radiography as well. Tiffany has worked at DEQ in the Radiation Section under the Assessment Division since October 2013.

Paula Lang: BS in Biological Sciences. She has completed the FEMA Incident Command Courses 0003, 100, 200, 301, 700 and 800, and the 40-hour Hazardous Material Technician training. Paula has taken the NRC Introductory Health Physics, Inspection Procedures, and Transportation of RAM classes. She has also participated in the Radiological Emergency Response Operations training at the Center for Domestic Preparedness. She is currently enrolled in the FDA's MQSA Inspector training course. She has worked at DEQ in the Assessment Division, Radiation Section from July 20, 2015 to present.

David Johnson Day: BS in Earth and Environmental Science. He has completed the FEMA Incident Command Courses 0003, 100, 200, 300, 301, 700, and 800. He has taken the NRC Introductory Health Physics, Nuclear Medicine, and Well Logging courses. He has also participated in the Radiological Emergency Response Operations training at the Center for Domestic Preparedness. He has worked at DEQ in the Assessment Division, Radiation Section, from July 6, 2015 to present.

Kristen Bonds: BS in Biological Sciences, MS Public Health (July 2016). She has completed the FEMA Incident Command Courses 100, 200, 300, 400, 700 and 800 and taken the NRC Introductory Health Physics, Nuclear Medicine, Inspection Procedures, Root Cause, Transportation of RAM, Well Logging, Industrial Radiography, Increased Controls, and Brachytherapy courses. She has also participated in the Radiological Emergency Response Operations and Advanced Radiological Emergency Response Operations training at the Center for Domestic Preparedness. She is currently enrolled in the FDA's

MQSA Inspector training course. She has worked at DEQ in the Assessment Division, Radiation Section, from August 4, 2014 to present.

Tiffany N. Rushing: BS in Environmental Health. She has completed the Hazardous Materials Technician training and FEMA Incident Command Courses 100, 200, 700 and 800. Tiffany has been employed at DEQ in the Radiation Section under the Assessment Division since December 21, 2015.

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.

Radiation Training Excel Spreadsheet is attached.

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

None

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

The following 14 people left the Radiation Section since the last IMPEP review.

<u>Departures:</u>	<u>Date:</u>
Ben Garwood	04/27/12
Jabari Robinson	07/12/13
Natalie Lonsberry	09/06/13
Brad Schexnayder	04/11/14
Kitty Jacob-Hebert	07/03/14
Kendrick Williams	07/03/14
Jarrood Harmon	02/12/15
Gwen Maglic	06/05/15
Jessica Walker	06/05/15
Farrar Stewart	08/21/15
Jason Roy	10/23/15
Yulonda Shelby	12/09/15
Robin Brummett	02/16/16
Nicholas Desselles	03/10/16

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.

There are two inspector positions in the Baton Rouge office currently vacant. These positions were vacated February 16 and March 10, 2016. We have requested to fill those positions and chosen a candidate for the former and will begin interviewing for the latter soon. However, the governor declared a statewide hiring freeze and we have not yet received an exemption from that.

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.

We do not have an oversight board or committee. Physicians and RSOs are contacted as needed.

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.

None, all inspections are being conducted in accordance with the NRC inspection frequency.

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.

Excel Spreadsheet "IMPEP 2016 Questionnaire B.II.11" is attached.

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

Excel Spreadsheet "IMPEP 2016 Questionnaire B.II.12" is attached.

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.
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	Reciprocity Licensees	Number Inspected	Percentage
2012	54	15	28%
2013	50	16	32%
2014	59	19	32%
2015	57	14	25%

The reciprocity information is in an Excel Spreadsheet format and is located in the Radiation Licensing shared directory. This file will be provided upon request during the IMPEP review.

III. Technical Quality of Inspections

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

Excel Spreadsheet "Inspector Accompaniments IMPEP 2016" is attached.

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 radiation equipment is sent to a certified calibration facility for calibration. All instrumentation in use is calibrated at the present time. The State of Louisiana has sufficient calibrated instruments to complete any incidents or inspections.

IV. Technical Quality of Licensing Actions

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

460 (3/30/16)

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.

New Orleans Neuro-Radiosurgery Center, LLC, LA-10355-L02A, AI #87799
Cardinal Health 414, LA-13323-L01, AI #199589

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?

5. A written report of any adverse reactions resulting from the use of any radiopharmaceutical shall be filed with the Department within five (5) days of the occurrence.

33. Except as specifically provided otherwise by the license, the licensee shall possess and use radioactive material described in all schedules of this license in accordance with LAC 33:XV and statements, representations, and procedures contained in the licensee's application (complete

submission) dated *, and in all subsequent correspondence. The regulations in LAC 33:XV shall take precedence unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than these regulations.

75. A written report of any irregularities pertaining to identification, labeling, quality or assay of any radioactive drug received under the authority of this license, shall be filed with the Department within ten (10) days of occurrence.

127. Whenever a radioactive source is lodged down-hole, the Department shall be notified in accordance with LAC 33:XV.2051.

139. Radioactive Material License LA-****-L01 is hereby terminated. The termination is based upon review of the email submitted by * on *. The locations and material from this license were added to LA-****-L01, because the two licenses were merged under *. Any records pertaining to the merger can be reviewed under LA-****-L01.

Records required by LAC 33:XV.104, 472, 473, 476, 478 and Radioactive Material License LA-2234-L01 shall be maintained by the licensee pursuant to LAC 33:XV.472, 473, 476 and 478 unless such records are transferred to the Department.

193. This licensee is authorized to do source retrieval in accordance with company O&E procedures and reporting regulatory requirements in LAC 33:XV.Chapters 3, 4 and 16.

194. This licensee is **not** authorized to do source retrieval.

195. The licensee is authorized to transport licensed material in accordance with the provisions of LAC 33:XV.Chapter 15, "Transportation of Radioactive Material."

197. The licensee shall comply with the regulations for the physical protection of Category 1 and Category 2 quantities of radioactive material in LAC 33:XV.Chapter 16.

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.

None

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>
----------------------	------------------	--------------------------------	-------------------------

None

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

None

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.

LA R.S. 30:2001 et.seq., specifically 2101-2134. HB900 is being considered during the current legislative session; it authorizes a 10% increase in fees collected by the Department.

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

The Department itself is subject to a sunset law, Act 292 of the 2014 Regular Legislative Session, whereby the Department ceases to exist on July 1, 2019 unless it is recreated before then.

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.

Our regulations are currently compatible and up-to-date with 10 CFR.

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.

RATS IDs 2015-3, 2015-4, and 2015-5 have not been adopted yet, but we will begin that process as soon as this IMPEP review is completed. We will have compatible final rules in place before the 2018 deadlines.

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>
---	---	--------------------------------	------------------------	---------------------------

Excel Spreadsheet "SSD 2016 Listing for IMPEP" is attached.

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

Jabari Robinson left the Department. Brad Schexnayder transferred to the REPR Supervisor position, but is available to review SS&Ds, if necessary.
SS&D qualifications and training document has been developed and is attached.

Technical Quality of Licensing Actions - Questions 18-22

67 Total SS&Ds. Nothing major, unusual, or complex. No variances or exemptions requested or granted. No changes to the written procedure. Nothing pending one year or more.

Technical Quality of Incident and Allegation Activities - Questions 23-24

None

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:

Louisiana is a member state of the Central Interstate Low-Level Radioactive Waste Commission. Participation includes attending the annual meeting and keeping up with any changes that occur in our and other programs. The Louisiana representative for this program is Richard S. Blackwell.

The division is involved in NORM waste disposal. Further information can be provided, if required.

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

IV. Uranium Recovery Program

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

Louisiana is not involved in the uranium mill 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

MATERIALS REQUESTED TO BE AVAILABLE FOR THE ON-SITE PORTION OF AN IMPEP REVIEW

Please have the following information available for use by the IMPEP review team when they arrive at your office:

- List of open license cases, with date of original request, and dates of follow-up actions.

A list of open license cases will be pulled upon request during the IMPEP review. The list is pulled from DEQ TEMPO: run License Pending Report.

- List of licenses terminated during review period.

There is an Excel spreadsheet that will have all of the Terminated Licensees listed. The Excel file is located in the Shared Directory:deqshares/radlicense/IMPEP 2016 and click on the Terminated Licenses List file.

- Copy of current log or other document used to track licensing actions.

The log that tracks licensing actions will be pulled upon request during the IMPEP Review using the following: DEQ TEMPO: run License Pending Report.

- List of all licensing actions completed during the review period (sorted by license reviewer, if possible).

A list of licensing actions completed will be pulled upon request during the IMPEP Review. The list can be sorted by license reviewer. The list will be pulled from the following: DEQ TEMPO: run License Issued Report.

- Copy of current log or other document used to track inspections.

There is an Excel spreadsheet that is used to track RAM Inspections. The updated file will be provided by Scott Blackwell upon request during the IMPEP Review.

- List of all inspections completed during the review period (sorted by inspector, if possible).

A list of all inspections completed is in an Excel spreadsheet and will be sorted by inspector. This file will be supplied by Scott Blackwell upon request during the IMPEP Review.

- List of inspection frequencies by license type.

Nuclear medicine – 2 years Hospital, 3 years stand-alone facility
PET, eye applicators – 2 years
Brachytherapy – 2 years
Nuclear gauges – 4 years
Academic, GC's – 4 years
Well logging – 3 years
Industrial radiography, office and field – 1 year
Broad scope – 1 year

- List of all allegations occurring during the review period. Show whether the allegation is open or closed and whether it was referred by NRC.
- List of all licenses that your agency has imposed additional security requirements upon.

Excel Spreadsheet "Increased Controls License List" is in a shared directory and will be provided by Scott Blackwell upon request during the IMPEP review.

ALSO, PLEASE HAVE THE FOLLOWING DOCUMENTS AVAILABLE:

- All State regulations
- Statutes affecting the regulatory authority of the State program
- Standard license conditions
- Technical procedures for licensing, model licenses, review guides
- SS&D review procedures, guides, and standards
- Instrument calibration records
- Inspection procedures and guides
- Inspection report forms
- Documented training plan, if applicable
- Records of results of supervisory accompaniments of inspectors
- Emergency plan and communications list
- Procedures for investigating allegations
- Procedures for investigating incidents
- Enforcement procedures, including procedures for escalated enforcement, severity levels, civil penalties (as applicable)
- Job descriptions

Categories	FISCAL YEAR					Total
	2012	2013	2014	2015	2016	
Initial Inspections conducted over 6 months	1	9	5	3	1	19
Initial Inspections conducted over 12 months	0	1	0	0	0	1
Routine 1,2,3 inspections conducted overdue	0	0	5	3	4	12
Increased Control Insp. conducted overdue	0	0	4	1	4	9

Fiscal 2012 = 3/31/12 - 6/30/12

Fiscal 2013 = 7/1/12 - 6/30/13

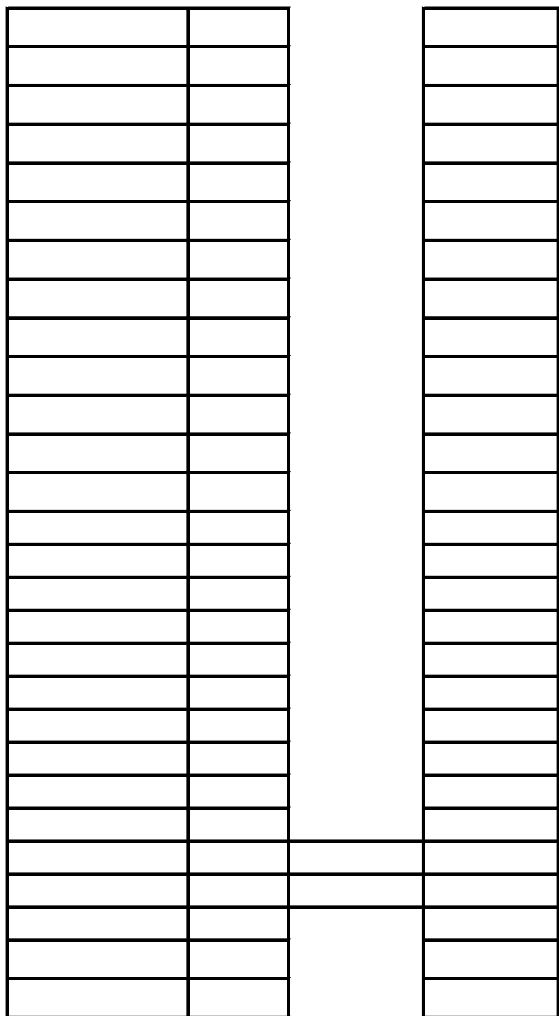
Fiscal 2014 = 7/1/13 - 6/30/14

Fiscal 2015 = 7/1/14 - 6/30/15

Fiscal 2016 = 7/1/15 - 3/31/16

Initial Inspections

AI	Issued	Inspected	by 6 months	by 12 months	Region	License Number	Licensee	Type of Lic	Expiration	Address	City	ST
177558	8/31/2011	7/12/2012	No	Yes	SERO	LA-12562-L01	Gulf South Engineering and Testing Inc	Nuclear gauge	7/31/2016	2201 Aberdeen St Ste B	Kenner	LA
179995	1/17/2012	8/8/2012	no	Yes	SERO	LA-12644-L01	Weir Environmental LLC	Nuclear Gauge	1/31/2017	5732 Salmen St Ste B	New Orleans	LA
43060	6/14/2012	9/20/2012	Yes	Yes	CRO	LA-12706-L01	R J Daigle and Sons Contractors Inc	Nuclear Gauge	4/30/2017	35460 Hwy 30	Geismar	LA
133307	8/22/2012	10/1/2012	Yes	Yes	SERO	LA-12746-L01	JZ Russell Industries Inc	Industrial Radiogra	7/31/2017	15621 Airline Hwy Ste A	Norco	LA
180919	2/28/2012	10/12/2012	No	Yes	NERO	LA-12666-L01	CK Consulting	Nuclear gauge	2/28/2017	166 Calhoun Services Rd	Calhoun	LA
183070	8/24/2012	12/17/2012	Yes	Yes	CRO	LA-12736-L01	Gilthorpe Environmental Inspections Inc	Nuclear Gauge	7/31/2017	1224 Re Beauvais	Mandeville	LA
182433	6/22/2012	12/28/2012	No	Yes	SERO	LA-12715-L01	Interra Inc	Nuclear Gauge	5/31/2017	1000 Riverbend Drive Ste A	St Rose	LA
179529	12/31/2011	1/11/2013	No	No	SERO	LA-12621-L01	Environmental Resources Management South	Nuclear Gauge	12/31/2016	3838 N Causeway Blvd Ste 272	Metairie	LA
170405	6/15/2012	1/11/2013	No	Yes	SERO	LA-12703-L01	St Bernard Parish Hospital	Nuclear Medicine	6/30/2017	8000 West Judge Perez Drive	Chalmette	LA
181142	4/27/2012	2/28/2013	No	Yes	SERO	LA-12684-L01	Louisiana Cancer Research Center	Research	4/30/2017	1700 Tulane Ave	New Orleans	LA
121411	6/30/2012	3/13/2013	No	Yes	CRO	LA-12726-L01	Louisiana Universities Marine Consortium - LU	Nuclear Gauge	6/30/2017	8124 Hwy 56	Chauvin	LA
182401	7/31/2012	5/6/2013	No	Yes	ARO	LA-12714-L01	Great Lakes Dredge and Dock Company LLC	Nuclear Gauge	7/31/2016	Aycock & Railroad Ave	Morgan City	LA
185625	2/6/2013	9/6/2013	No	Yes	ARO	LA-12807-L01	Green Field Energy Services Inc	Nuclear Gauge	12/31/2017	4023 Ambassador Caffery Pkw	Lafayette	LA
185759	2/20/2013	9/23/2013	no	Yes	CRO	LA-12814-L01	Vessel Stastics Inc	Industrial Radiogra	12/31/2017	384 Voters Rd Ste 200	Slidell	LA
187536	7/15/2013	10/16/2013	Yes	Yes	NWRO	LA-12890-L01	Beast Engineering LLC	Nuclear Gauge	5/31/2018	2207 California Drive Ste 1B	Bossier City	LA
183901	1/4/2013	12/4/2013	No	Yes	CRO	LA-12764-L01	Cardiac Imaging Inc	nuclear medicine	9/30/2017	5085 Iberville St Unit A	St Gabriel	LA
187960	7/11/2013	1/16/2014	No	Yes	NERO	LA-12899-L01	St Francis Cardiology Clinic	Nuclear Medicine	7/31/2018	312 Grammont Street Suite 404	Monroe	LA
187948	7/17/2013	3/5/2014	No	Yes	NWRO	LA-12898-L01	Bayou Well Services LLC	Nuclear Gauge	6/30/2018	325 Liberty Lane	Grand Cane	LA
191539	5/31/2014	9/18/2014	Yes	Yes	SWRO	LA-13048-L01	HD Truck & Tractor LLC	Nuclear Gauge	3/31/2019	5501 Opelousas Street	Lake Charles	LA
193380	7/24/2015	10/15/2014	No	Yes	CRO	LA-13104-L01	Intertek Asset Integrity Management	Industrial Radiogra	7/31/2019	2616 S Ruby Street	Gonzales	LA
192004	6/20/2014	11/17/2014	Yes	Yes	CRO	LA-13065-L01	The NACHER Corporation	Industrial Radiogra	4/30/2019	108 Lois Dr	Houma	LA
36882	2/7/2014	12/19/2014	No	Yes	SERO	LA-7888-L01	Mandina's Inspection Services Inc	Industrial Radiogra	2/28/2018	3861 Peters Rd	Harvey	LA
192955	9/2/2014	1/16/2015	Yes	Yes	NWRO	LA-13088-L01	Dave Rambaran Geosciences LLC	Nuclear Gauge	7/31/2019	5007 Flournoy Lucas Rd	Shreveport	LA
10026	8/26/2014	2/4/2015	Yes	Yes	SWRO	LA-13086-L01	Furmanite America Inc	Industrial Radiogra	6/30/2019	215 N Beglis Pkwy	Sulphur	LA
39945	7/17/2014	2/13/2015	No	Yes	CRO	LA-13073-L01	Impala Warehousing LLC	Nuclear Gauge	6/30/2019	4258 Hwy 44	Darrow	LA
194287	5/1/2015	1/21/2016	no	Yes	CRO	LA-13205-L01	Eckert & Ziegler BEBIG Inc	Manufacturing	5/31/2020	8550 United Plaza Blvd Ste 702	Baton Rouge	LA
194385	4/29/2015	1/25/2016	No	Yes	SERO	LA-13136-L01	QualSpec LLC	Industrial Radiogra	3/31/2020	2724 Crestview Ste A	Kenner	LA
157847	4/29/2015	1/29/2016	No	Yes	CRO	LA-12986-L01	Nucor Steel Louisiana LLC	Nuclear Gauge	4/30/2020	9101 LA Hwy 3125	Convent	LA
196065	4/29/2015	9/23/2015	Yes	Yes	CRO	LA-13213-L01	MK Inspection Services LLC	Industrial Radiogra	4/30/2020	15094 Hwy 44	Gonzales	LA
196586	5/13/2015	10/8/2015	Yes	Yes	NWRO	LA-13227-L01	Pierremont Cardiology	Nuclear Medicine	5/31/2020	1811 E Bert Kouns Ind Loop St	Shreveport	LA
197647	8/17/2015	2/29/2016	No	Yes	NERO	LA-13258-L01	PPM Consultants Inc	Nuclear gauge	8/31/2020	1600 Lamy Lane	Monroe	LA
51744	9/9/2015				ARO	LA-13259	Cargill Deicing Technology	Nuclear Gauge	8/31/2020	Hwy 329 South	Avery Island	LA
198409	10/7/2015				CRO	LA-13278-L01	AAA Quality Inspection Services	Industrial Radiogra	9/30/2020	15098 Hwy 44	Gonzales	LA



Accompaniments for Inspectors which is required by the NRC and checked during IMPEP audits:							
Regions	Year 2012				Year 2012		
SERO:		Supervisor	Facility & AI#	Inspection Type		Supervisor	Facility & AI#
Tim Butler							
Kitty Jacobs	2/7/2012	James Pate	River Parishes Hospital AI#	Nuclear Medicine	12/21/2012	James Pate	Stanec, AI#174677
Gwen Maglic	2/9/2012	James Pate	Cardinal Health AI#38861	Nuclear Pharmacy	8/21/2012	James Pate	CAN, USA AI#164002
CRO:							
Russell Clark	1/23/2012	Joe Noble	Mistras Group, AI#10356	Industrial Radiography			
Jabari Robinson	11/16/2011	Joe Noble	LPA Group, AI#175387	Soil Moisture Densi	12/11/2012	Joe Noble	Cardiac Imaging, AI#1
Jessica Walker							
ARO:							
John Fontenot							
Ashley Hebert Menard							
SWRO:							
Jason Roy	1/12/2012	Joe Noble	ARS International AI#11965	L01- Consultant (laboratory Services)			
			LA-7153-L01 & L02	L02- Decommissioning and\or decontamination			
NERO:							
Mark Chrisman	2/13-14/201	Joe Noble	LSU Center for Energy Service	Educational Broad S	2/23/2012	Joe Noble	LSU, AI#5540
NWRO:							
Jennifer Elee	1/24/2012	Joe Noble	Foti Nuclear Pharmacy, AI#1	Nuclear Pharmacy			

	Year 2013				Year 2013	
Inspection Type		Supervisor	Facility & AI#	Inspection Type		Supervisor
	12/16/2013	Joe Noble	GEC, Inc., AI#119870			
Soil Moisture Density Gauge						
Industrial Radiography	2/28/2013	James Pate	Louisiana Cancer Resear	Broadscope Academic	10/8/2013	James Pate
	2/6/2013	James Pate	Exxon Mobil Chemical	Fixed Gauge		
Diagnostic PET Mobile Van	1/24-25/13	Joe Noble	LSU Center for Energy S	Educational Broad Scope		
					12/12/2013	Joe Noble
	1/23/2013	Joe Noble	Opelousas General Hos	Diagnostic Nuclear Med	12/3/2013	Joe Noble
	1/17/2013	James Pate	Biolab, AI#26073	Level Density Gauge	8/27/2013	Jame Pate
					12/6/2013	Joe Noble
Educational Broad Scope	2/25/2013	Joe Noble	Southern Isotopes, AI#9	Commercial PET Distrib	9/17/2013	Jame Pate
	2/14/2013	Joe Noble	Gilchrest Construction,	Moisture Density Gauge	9/26/2013	James Pate

		Year 2014		
Facility & AI#	Inspection Type		Supervisor	Facility & AI#
		6/26/2014	Joe Noble	North Oaks Medical Center, AI#15
		2/25/2014	James Pate	Gillen Engineering AI#
Combined Technical Serv	Well Logging	12/12/2014	James Pate	Versa Integrity Group AI# 38795
		6/30/2014	James Pate	DOW Chemicals Company AI#140
		9/17/2014 (2 Sites)	Joe Noble	LSU Health Baton Rouge Perkins, J
			Joe Noble	LSU Health Baton Rouge North Cli
Our Lady of the Lake Ho	Diagnostic and Therapy Nuclear Medic	6/4/14 & 9/24/2014		
Lake Imaging Center AI#	Diagnostic Nuclear Medicine	6/4/2014	Joe Noble	Baton Rouge General Medical Cer
Central Testing , AI#388	Industrial Radiography Office & Field	6/11/2014	Joe Noble	Slidell Memorial Hospital, AI#297
Solo Environmental, AI#	Well Logging/ Gauge			
		4/1/2014	James Pate	Technical Testing Services, AI#388
Camo Construction	Soil Moisture Density Gauge	3/25/2014	James Pate	Waggoner Services AI#156680

	Year 2014				Year 2015	
Inspection Type		Supervisor	Facility & AI#	Inspection Type		Supervisor
Diagnostic Nuclear Medi	10/21/2014	James Pate	Kenall, Inc., AI#173344	Soil Moisture Density Gaug	3/3/2015	James Pate
Soil Moisture Density Gauges						
Industrial Radiography	12/19/2014	James Pate	Mandian's Inspection Services AI#36882	Industrial Radiography	3/3/2015	James Pate
Level Density Guages					6/23/2015	James Pate
Diagnostic & Outpatient Radiopharmaceutical Therapy License						
Diagnostic & Outpatient Radiopharmaceutical Therapy License						
	11/7/2014	James Pate	Cardinal Health AI#128228	Nuclear Pharmacy	4/7/2015	James Pate
Nuclear Medicine and HI	9/24/2014	Joe Noble	Site Engineering, AI#157680	Moisture Density Gauges	6/30/2015	Joe Noble
PET Diagnostic/Therapy	8/26/2014	James Pate	National Inspection Services, AI#27504	Industrial Radiography & In	4/21/2015	James Pate
Industrial Radiography	9/16/2014	James Pate	Cardiovascular Consultants, AI#126775	Nuclear Medicine	3/31/2015	James Pate
Industrial Radiography	9/18/2014	James Pate	JANX Integrity Group AI#99837	Industrial Radiography	2/4/2015	Joe Noble

		Year 2015					
Facility & AI#	Inspection Type		Supervisor	Facility & AI#	Inspection Type		
CAN USA, AI#164002	Industrial Radiography	10/14/2015	James Pate	VERSA Integrity C	Industrial Radiography		
QualSPEC, LLC AI#194385	Industrial Radiography						
Ohmstede AI#2283	Industrial Radiography						
Code Inspection & Testing AI#	Industrial Radiography	9/14/2015	James Pate	Global X-ray and	Industrial Radiography		
Pioneer Pharmacy, LLC., AI#1	Nuclear Pharmacy						
Farmers Rice Milling, AI#226	Density Level Gauges	8/11/2015	James Pate	Shaw Pipeline Se	Industrial Radiography Field		
Ark-La-Tex Wireline Services,	Well Logging	9/22/2015	James Pate	Cleco Power LLC	Level Density Gauge		
Southern Isotopes PET Pharn	Nuclear PET Pharmacy	9/29/2015	James Pate	Oncology Associa	Diagnostic PET		

Year 2016

SERO:
Tim Butler

Supervisor

Facility & AI#

Inspection Type

CRO:
Russell Clark

2/8/2016

Joe Noble

Southern Isotopes, AI#9170. Commercial PET

ARO:
John Fontenot
Ashley Menard

SWRO:
Jason Roy

NERO:
Mark Chrisman

NWRO:
Jennifer Elee

Course	J. Pate	R. Clark	J. Noble	D. Stepter	M. Chrisman	J. Elee	A. Menard	J. Schuerman	J. Fontenot	T. Butler	K. Bonds	D. Day	P. Lang	T. Rushing		
Intro HP H-117				Sel Topics Rad Eng	Overview of Rad Prot		Feb-11	Aug-09	Sel Topics Rad Eng		Feb-15	Nov-15	Nov-15			
80-Hr Fund HP I&II H-122										Aug-11						
Inspection Proced G-108		Sep-96	Jul-94	Apr-08	Jun-05	Aug-96	Sep-09	NEEDED	Jun-06	Oct-12	Oct-15		Mar-16			
Nuclear Medicine H-304	Aug-07	Jul-96	Aug-92	Aug-97	Mar-05	Mar-95	Aug-11	NEEDED	Mar-06	Aug-13	Mar-15	Mar-16				
Indus Radiography H-305	Aug-99	Jun-98	May-94	Sep-06	Dec-07	Jun-08	Oct-10	NEEDED	Dec-07	Jun-13	Nov-15					
Well Logging H-314	Nov-98	May-98	Sep-06	May-99	Nov-07	Oct-11	Apr-11		Oct-11	Nov-07	Sep-12	May-15	Sep-15			
Brachyth/Gamma H-313	Jun-14	Jun-13	Sep-96	TBD	Aug-10	Mar-08	Dec-13	NEEDED	Nov-07	Mar-14	Mar-15					
Transp of RAM H-308	Apr-99	Dec-95	May-96	Apr-99	Jun-10	Sep-09	Sep-10		Nov-15	Mar-12	Sep-11	Jun-15		Sep-15		
Nuclear Pharmacy		Sep-10		Aug-10	Sep-10		Sep-10									
NSTS	Dec-08								Dec-08							
Fund HP III H-123										Jun-12						
SS&D	May-09							Apr-14								
Advanced HP H-201	May-00	Jun-99								Sep-12						
NORM 40 Hour		May-94		Feb-94	NEEDED	NEEDED			NEEDED							
Increase Control S-201	Feb-10	Apr-08	May-06	Jun-06	Oct-06	Jan-09	Aug-10	Jun-10	May-06	May-12	Feb-15					
Air Sampling H-119	Jun-97															
Licensing Proc G-109	Mar-07	Mar-13	Oct-11	Jun-96			Mar-14	Mar-09		Mar-13						
RERO	Jul-97	Jan-94		Sep-94	Jan-08	Jul-97	Apr-09	Oct-09	Jan-08	Nov-11	Dec-14	Nov-15	Nov-15			
Advanced RERO											Aug-15					
MARSSIM H-121	May-02	Aug-12			May-11				Feb-12	Aug-13						
RESRAD H-410	Apr-11															
Root Cause G-205	Aug-14	Jul-13		Sep-08	Mar-13	Jul-13	May-14	Apr-15	Feb-13	Feb-13	Dec-14					
Inspecting for Performance 5 Week Course		Apr-08														
Rad.Safety Superfund/Stes		Jul-95	Mar-92	TBD	May-06	NEEDED	NEEDED		Jul-05							
HAZWPR 40 hour	Oct-98	May-95	Jun-92	Feb-94	Nov-92	Dec-96	Oct-08	Aug-98	Jul-93	Jul-11	Sep-14	Prev Emp	Aug-15			
HAZWPR Refresher	Mar-13	Oct-15	Oct-15	Apr-15	Sep-15	Sep-15	Jul-15	Aug-15	Jul-15	Oct-15		Oct-15				
X-RAY		Apr-94	Apr-92		Dec-03	Apr-94			Apr-04							
X-Ray Inspections		All	All		All	All	D, Rad, FI		All							
NEXT			Feb-92		CT May-05	CH Mar-94										
NEXT			Jan-93			Ped Jul-98										
NEXT			Mar-94			Dent Mar-99										
MQSA I		Feb-95	Tested			Tested										
MQSA II			Dec-93			Jun-94										
MQSA III			Jun-94			Nov-94	Apr-12									
MQSARef						May-96										
FEMA ICS 100	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp		
FEMA ICS 200	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp		
FEMA ICS 300	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp		Comp				
FEMA ICS 400	Comp	Comp	Comp	Comp		Comp	Comp	Comp	Comp	Comp		Comp				
FEMA ICS 700	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp		
FEMA ICS 800	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp		
MISC	RAAC	MARSAME Jun-13			WIPP Training	WIPP Training	ER Training				MARSAME Jun-14					
MISC	RASCAL	Decomm. H-115 May-14		FDA Diagnostic X-ray	FDA Diagnostic X- ray	FDA Diagnostic X- ray	Sel Topics Rad Eng Feb-11				Decomm. H-115 May-14					
MISC	Visual Sampling Plan	Vis Samp Plan H-500 Aug-14	RASCAL								Vis Samp Plan H-500 Aug-14					
MISC	U Rec	H-411 R-Off Aug-15									Env Mon H-111					
MISC	Internal Dosimetry - H-312 Dec-11	Internal Dosimetry - H-312 Dec-12					Internal Dosimetry - H-312 Jan-16				H-312 Dec-13 H-119 Aug-15					

Crime Scene	Jan-07	Jan-07	Jan-07	Jan-07	Jan-07	Jan-07	Aug-08		Jan-07							
Employment Date	Aug-96	Sep-93	Dec-91	Feb-94	Apr-96	Jul-93	Aug-08	Jul-98	May-03	Jul-11	Aug-14	Jul-15	Jul-15	Dec-15		
Anniversary Date	Feb-97	Mar-94	Jun-92	Aug-94	Oct-96	Jan-94	Feb-09	Jan-99	Jan-99	Jan-12						
Annual Physical				Nov-11					Sep-11							

RED = performs that type of inspection

N/R = not required

TBD = date not given

Employee Radiation Training

Employee: _____ Hiring Date: _____ Perm. Date: _____

DEQ Orientation Date: _____ DEQ Procedure Date: _____

DEQ Timekeeping Date: _____ PPR with Supervisor: _____

HAZMAT 40 hour training: _____

X-RAY

Dental

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Radiographic (Dr's, vets, chiropractors, etc.)

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Multi-Specialty (Clinics & Out Patient)

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Major Medical Facilities (Hospitals, Special Procedures, Etc)

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Mammography

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: Course 1 _____ Course 2 _____ Course 3 _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Accelerators and Misc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

RAM

G.C., In-Vitro, Eye Applicators, Consultants, Etc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Fixed and Moisture/Density Gauges

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Nuclear Medicine & Therapy

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: [Diagnostic & Therapeutic Nuclear Medicine \(H-304\)](#) _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Nuclear Pharmacies

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Industrial Radiography

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: [Safety Aspects of Industrial Radiography \(H-305\)](#) _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Well Logging

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: [Safety Aspects of Well Logging \(H-314\)](#) _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Broad Scope and Manufacturers

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

NORM

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: NORM 40 Hour _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Training Courses

Name of the Course	Date	Can Perform Inspection
Introductory Health Physics	_____	_____
Inspection Procedures	_____	_____
Diagnostic Nuclear Medicine	_____	_____
Industrial Radiography	_____	_____
Well Logging	_____	_____
Brachytherapy & Gamma Knife	_____	_____
Transportation of RAM	_____	_____
HP Eng	_____	_____
Sealed Source & Device	_____	_____
HP Technology	_____	_____
NORM 40 Hour	_____	_____
Increase Control	_____	_____
Irradiator Tech	_____	_____
Licensing Procedure	_____	_____
RERO	_____	_____
MARSSIM	_____	_____
RESRAD	_____	_____
Root Cause	_____	_____
Inspecting for Performance	_____	_____
5 Week/4 Week Course	_____	_____
Rad.Safety Superfund/Stes	_____	_____
HAZWPR	_____	_____
X-RAY	_____	_____
NEXT	_____	_____
NEXT	_____	_____
NEXT	_____	_____
MQSA I	_____	_____
MQSA II	_____	_____

Course	K. Burgard	M. Bauder	S. Blackwell	Z. Fahd	T. White	G. Cuadra
Intro HP H-117	Sel Topics Rad Eng		Sel Topics Rad Eng	Sel Topics Rad Eng	Feb-14	
80-Hr Fund HP I&II H-122						
Inspection Procedures G-108			Sep-02	Sep-08		
Nuclear Medicine H-304	Aug-05	Aug-06	Mar-00	Aug-09	Mar-15	
Industrial Radiography H-305	Sep-04	Dec-07	Apr-04	Dec-07	Oct-14	
Well Logging H-314	Sep-13	Sep-13	May-00	Apr-11	Sep-14	
Brachytherapy & Gamma Knife	Oct-06	Aug-14	Mar-04	Aug-15	Mar-15	
Transportation of RAM H-308	Mar-12	Sep-10	Apr-00	Oct-12	Jul-14	
Nuclear Pharmacy	Aug-10					
NSTS	Dec-08	Dec-08	Dec-08			
Fund HP III H-123						
SS&D				Sep-11		
HP Technology H-201						
NORM 40 Hour	Jul-04		NEEDED			
Increase Control S-201	Mar-11	Mar-11	Oct-06	Aug-09	May-15	
Air Sampling H-119				May-14		
Licensing Procedure G-109	Feb-02	Sep-05	Mar-11	Mar-10	Oct-15	
RERO	Nov-09	Nov-09	Mar-99	Jun-00	Mar-14	
Advanced RERO				Dec-09		
MARSSIM H-121				Feb-11	Feb-16	
RESRAD H-410						
Root Cause G-205						
Inspecting for Performance						
5 Week Course			Jul-05			
Rad.Safety Superfund/Stes						
HAZWPR 40 hour	Jan-06	May-06	Dec-98	Jun-92	Mar-14	
HAZWPR Refresher	Jul-15	Jul-15	Jul-15	May-15		
X-RAY			Aug-98			
X-Ray Inspections			All			
NEXT			CH Mar-01			
NEXT			Mar-03			
NEXT			May-05			
MQSA I			May-99			
MQSA II			Jun-99			
MQSA III			Jul-99			
MQSARef						
FEMA ICS 100	Comp	Comp	Comp	Comp	Comp	Comp
FEMA ICS 200	Comp	Comp	Comp	Comp	Comp	Comp
FEMA ICS 300	Comp	Comp	Comp	Comp		
FEMA ICS 400		Comp	Comp	Comp		
FEMA ICS 700	Comp	Comp	Comp	Comp	Comp	Comp
FEMA ICS 800	Comp	Comp	Comp	Comp	Comp	Comp
MISC	NARM		NMED May-01	Decomm- issioning Nov-12	MARSSIM Mar-16	
MISC	40 hr Rad Safety		RAAC			
MISC			RASCAL	Visual Sampling Plan		
MISC						

				Internal Dosimetry - H-312 Dec-11		
MISC						
Crime Scene	Jan-07	Jan-07	Jan-07	Jan-07		
Employment Date	Aug-01	Jun-05	Jul-98	Jan-92	Oct-13	Oct-92
Anniversary Date	Feb-02	Dec-05	Jan-99	Jul-92		
Annual Physical						

N/R = not required
TBD = date not given

P. Marsala	J. Walker	G. Maglic	F. Stewart	J. Roy	Y. Shelby	R. Brummett	N. Desselles
	Feb-12	Sel Topics Rad Eng	Nov-14	Sel Topics Rad Eng	Feb-11	Feb-16	
	Aug-12						Dec-15
	Mar-14	Sep-02		Oct-12	Mar-13		Jun-15
	Dec-13	Aug-97		Aug-03	NEEDED		Aug-15
	Oct-14	Aug-02		Apr-04	Mar-12		
	May-14	Apr-01	May-15	Apr-03	May-14		Sep-15
	Aug-14	Jun-13	Jun-15	Mar-14	NEEDED		
Mar-13	Jun-13	Sep-09		Sep-09	Sep-13		Sep-15
				Sep-10			
				Dec-08			
	Jun-13						
	Sep-13						
		Dec-01		Jun-02			
Aug-14	Feb-14	Jan-09	Feb-15	Oct-06	Jun-11		Aug-15
		Nov-12		Feb-02	Oct-11		
	Apr-15	Jul-97	Dec-14	Jan-08	Jul-09		Aug-15
				Dec-09			
				Feb-03			
		May-14	Dec-14	May-13		Nov-15	
		Mar-99		Jun-08			
	Apr-12	Sep-97	Sep-14	Jan-06	Aug-09		Apr-15
	Jun-13	Mar-13		May-13	Nov-12		
		N/T		NEEDED			
		All		All	D, Rad		
		Aug-07					
		Sep-07					
		Oct-07					

Accompaniments

S. Blackwell	R. Clark	M. McMahon	J. Noble	D. Stepter	A. Troxler
	1/29/08 IR Field		6/26/2006 NM/PET		
	8/26/08 IR O				
	4/8/09 IR O/IC	9/13/09 NM			
	12/10/2009 NM/Ther	12/3/2009 NM/Ther			
		3/23/2011 IR			

J. Blood	J. Roy	M. Chrisman	J. Baidy	J. Gilmore	J. Elee
	4/24/08 NM	6/24/08 IR Field	3/17/08 IR Field	4/7/08 Nuc Pharm	
	8/7/08 IR Field	4/22/09 IR O/IC	12/1/08 WL	10/1/08 IR Field	8/21/08 NM
4/25/2009		12/8/09 IR Field		6/10/09 IR O/IC	6/25/09 NP
12/9/2009 NM	11/18/2009 Therapy		12/8/09 IR Field		12/8/09 NP
	6/23/2010		7/23/10 WL	9/28/10 NG	
	5/3/2011 IR				

G. Maglic	K. Jacob	A. Ayoub	Y. Shelby
------------------	-----------------	-----------------	------------------

1/23/08 HDR

5/7/09 NP 5/12/09 NP

11/19/09 IR-IC 11/17/09 IR

6/22/2010 6/29/2010

4/26/11 NM

Employee Radiation Training

Employee: Ashley Ayoub Hiring Date: 25-Aug-08 Perm. Date: _____
DEQ Orientation Date: 25-Aug-08 DEQ Procedure Date: 25-Aug-08
DEQ Timekeeping Date: _____ PPR with Supervisor: 24-Sep-08
HAZMAT 40 hour training: 10/13-17/08

X-RAY

Dental

Regulations Review Date: 15-Sep-08 Inspection Documentation Review Date: 15-Sep-08
Demonstration Inspections: 1 15-Sep-08 2 3-Oct-08 3 9-Oct-08 4 10-Oct-08 5 _____
Inspections Performed: 1 21-Oct-08 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: Scott Blackwell Approval Date: 21-Oct-08

Radiographic (Dr's, vets, chiropractors, etc.)

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 5-Aug-09 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: Scott Blackwell Approval Date: 5-Aug-09

Multi-Specialty (Clinics & Out Patient)

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: 5-Aug-09

Major Medical Facilities (Hospitals, Special Procedures, Etc)

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: 14-Jan-10

Mammography

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: Course 1 _____ Course 2 _____ Course 3 _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Accelerators and Misc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

RAM

G.C., In-Vitro, Eye Applicators, Consultants, Etc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Fixed and Moisture/Density Gauges

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Nuclear Medicine & Therapy

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 26-Apr-11 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: Scott Blackwell Approval Date: 20-May-11

Nuclear Pharmacies

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Industrial Radiography

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Well Logging

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Broad Scope and Manufacturers

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

NORM

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Training Courses

Name of the Course	Date	Can Perform Inspection
Introductory Health Physics	_____	_____
Inspection Procedures	_____	_____
Diagnostic Nuclear Medicine	_____	_____
Industrial Radiography	_____	_____
Well Logging	_____	_____
Brachytherapy & Gamma Knife	_____	_____
Transportation of RAM	_____	_____
HP Eng	_____	_____
Sealed Source & Device	_____	_____
HP Technology	_____	_____
NORM 40 Hour	_____	_____
Increase Control	_____	_____
Irradiator Tech	_____	_____
Licensing Procedure	_____	_____
RERO	_____	_____
MARSSIM	_____	_____
RESRAD	_____	_____
Root Cause	_____	_____
Inspecting for Performance	_____	_____
5 Week/4 Week Course	_____	_____
Rad.Safety Superfund/Stes	_____	_____
HAZWPR	Oct-08	_____
X-RAY	_____	Yes
NEXT	_____	_____
NEXT	_____	_____
NEXT	_____	_____
MQSA I	_____	_____
MQSA II	_____	_____

Employee Radiation Training

Employee: Richard S. Blackwell Hiring Date: 20-Jul-98 Perm. Date: 20-Jan-99
DEQ Orientation Date: 20-Jul-98 DEQ Procedure Date: 20-Jul-98
DEQ Timekeeping Date: 20-Jul-98 PPR with Supervisor: _____
HAZMAT 40 hour training: 30-Nov-98

X-RAY

Dental

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: Joseph Noble Approval Date: 1-Jul-98

Radiographic (Dr's, vets, chiropractors, etc.)

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: Joseph Noble Approval Date: _____

Multi-Specialty (Clinics & Out Patient)

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: Joseph Noble Approval Date: _____

Major Medical Facilities (Hospitals, Special Procedures, Etc)

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: Joseph Noble Approval Date: _____

Mammography

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: Course 1 21-May-99 Course 2 17-Jun-99 Course 3 23-Jul-99
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: Joseph Noble Approval Date: 1-Jul-99

Accelerators and Misc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

RAM

G.C., In-Vitro, Eye Applicators, Consultants, Etc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: Joseph Noble Approval Date: _____

Fixed and Moisture/Density Gauges

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: Joseph Noble Approval Date: _____

Nuclear Medicine & Therapy

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: Diagnostic & Therapeutic Nuclear Medicine (H-304) Date: 10-Mar-00
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: Joseph Noble Approval Date: 1-Mar-00

Nuclear Pharmacies

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: Joseph Noble Approval Date: _____

Industrial Radiography

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: Safety Aspects of Industrial Radiography (H-305) Date: 23-Apr-04

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: Richard Penrod Approval Date: _____

Well Logging

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: Safety Aspects of Well Logging (H-314) Date: 5-May-00

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: Joseph Noble Approval Date: 1-May-00

Broad Scope and Manufacturers

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: Joseph Noble Approval Date: _____

NORM

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: NORM 40 Hour Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Training Courses

Name of the Course	Date	Can Perform Inspection
Introductory Health Physics	Sel Topics	
Inspection Procedures	Rad Eng	
Diagnostic Nuclear Medicine	Sep-02	
Industrial Radiography	Mar-00	Yes
Well Logging	Apr-04	Yes
Brachytherapy & Gamma Knife	May-00	Yes
Transportation of RAM	Mar-04	Yes
HP Eng	Apr-00	
Sealed Source & Device		
HP Technology		
NORM 40 Hour	NEEDED	
Increase Control	Oct-06	Yes
Irradiator Tech		
Licensing Procedure		
RERO	Mar-99	
MARSSIM		
RESRAD		
Root Cause		
Inspecting for Performance		
5 Week/4 Week Course	Jul-05	
Rad.Safety Superfund/Stes		
HAZWPR	Dec-98	
X-RAY	Aug-98	Yes
NEXT	CH Mar-01	
NEXT	Mar-03	
NEXT	May-05	

Employee Radiation Training

Employee: Michael McMahon Hiring Date: Oct-06 Perm. Date: Apr-07
DEQ Orientation Date: Oct-06 DEQ Procedure Date: Oct-06
DEQ Timekeeping Date: Oct-06 PPR with Supervisor: Oct-06
HAZMAT 40 hour training: Oct-06

X-RAY

Dental

Regulations Review Date: Nov-06 Inspection Documentation Review Date: Nov-06
Demonstration Inspections: 1 2 3 4 5
Inspections Performed: 1 2 3 4 5
Training Instr: Joseph Noble Approval Date: Nov-06

Radiographic (Dr's, vets, chiropractors, etc.)

Regulations Review Date: Apr-07 Inspection Documentation Review Date: Apr-07
Demonstration Inspections: 1 10-Apr-07 2 20-Apr-07 3 4 5
Inspections Performed: 1 24-Apr-07 2 25-Apr-07 3 4 5
Training Instr: Joseph Noble Approval Date: Apr-07

Multi-Specialty (Clinics & Out Patient)

Regulations Review Date: Apr-07 Inspection Documentation Review Date: Apr-07
Demonstration Inspections: 1 10-Apr-07 2 20-Apr-07 3 4 5
Inspections Performed: 1 24-Apr-07 2 25-Apr-07 3 4 5
Training Instr: Joseph Noble Approval Date: Apr-07

Major Medical Facilities (Hospitals, Special Procedures, Etc)

Regulations Review Date: Apr-07 Inspection Documentation Review Date:
Demonstration Inspections: 1 10-Apr-07 2 20-Apr-07 3 4 5
Inspections Performed: 1 24-Apr-07 2 25-Apr-07 3 4 5
Training Instr: Joseph Noble Approval Date: Apr-07

Mammography

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: Course 1 _____ Course 2 _____ Course 3 _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Accelerators and Misc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

RAM

G.C., In-Vitro, Eye Applicators, Consultants, Etc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Fixed and Moisture/Density Gauges

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Nuclear Medicine & Therapy

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: [Diagnostic & Therapeutic Nuclear Medicine \(H-304\)](#) _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Nuclear Pharmacies

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Industrial Radiography

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: [Safety Aspects of Industrial Radiography \(H-305\)](#) _____ Date: [Mar-07](#) _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Well Logging

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: [Safety Aspects of Well Logging \(H-314\)](#) _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Broad Scope and Manufacturers

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

NORM

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: NORM 40 Hour _____ Date: _____

Office Demo Inspections: 1 17-Nov-08 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Training Courses

Name of the Course	Date	Can Perform Inspection
Introductory Health Physics	Sel Topics	
Inspection Procedures	Rad Eng	
Diagnostic Nuclear Medicine	Mar-09	
Industrial Radiography	NEEDED	
Well Logging	NEEDED	
Brachytherapy & Gamma Knife	NEEDED	
Transportation of RAM	NEEDED	
HP Eng		
Sealed Source & Device		
HP Technology		
NORM 40 Hour	NEEDED	
Increase Control	N/R	
Irradiator Tech		
Licensing Procedure		
RERO	Apr-07	
MARSSIM		
RESRAD		
Root Cause		
Inspecting for Performance		
5 Week/4 Week Course	NEEDED	
Rad.Safety Superfund/Stes		
HAZWPR	Oct-06	
X-RAY	Apr-08	Yes
NEXT	Nov-08	
NEXT		
NEXT		

Employee Radiation Training

Employee: _____ Hiring Date: _____ Perm. Date: _____

DEQ Orientation Date: _____ DEQ Procedure Date: _____

DEQ Timekeeping Date: _____ PPR with Supervisor: _____

HAZMAT 40 hour training: _____

X-RAY

Dental

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Radiographic (Dr's, vets, chiropractors, etc.)

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Multi-Specialty (Clinics & Out Patient)

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Major Medical Facilities (Hospitals, Special Procedures, Etc)

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Mammography

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: Course 1 _____ Course 2 _____ Course 3 _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Accelerators and Misc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

RAM

G.C., In-Vitro, Eye Applicators, Consultants, Etc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Fixed and Moisture/Density Gauges

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Nuclear Medicine & Therapy

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: [Diagnostic & Therapeutic Nuclear Medicine \(H-304\)](#) _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Nuclear Pharmacies

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Industrial Radiography

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: [Safety Aspects of Industrial Radiography \(H-305\)](#) _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Well Logging

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: [Safety Aspects of Well Logging \(H-314\)](#) _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Broad Scope and Manufacturers

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

NORM

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: NORM 40 Hour _____ Date: _____

Office Demo Inspections: 1 25-Jul-08 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Training Courses

Name of the Course	Date	Can Perform Inspection
Introductory Health Physics	_____	_____
Inspection Procedures	Sep-08	_____
Diagnostic Nuclear Medicine	Sep-08	_____
Industrial Radiography	TBD	_____
Well Logging	TBD	_____
Brachytherapy & Gamma Knife	TBD	_____
Transportation of RAM	NEEDED	_____
HP Eng	_____	_____
Sealed Source & Device	_____	_____
HP Technology	_____	_____
NORM 40 Hour	NEEDED	_____
Increase Control	N/R	_____
Irradiator Tech	_____	_____
Licensing Procedure	_____	_____
RERO	Apr-07	_____
MARSSIM	_____	_____
RESRAD	_____	_____
Root Cause	_____	_____
Inspecting for Performance	_____	_____
5 Week/4 Week Course	NEEDED	_____
Rad.Safety Superfund/Stes	Nov-92	_____
HAZWPR	Nov-07	_____
X-RAY	NEEDED	_____
NEXT	_____	_____
NEXT	_____	_____
NEXT	_____	_____
MQSA I	_____	_____
MQSA II	_____	_____

Employee Radiation Training

Employee: _____ Hiring Date: _____ Perm. Date: _____

DEQ Orientation Date: _____ DEQ Procedure Date: _____

DEQ Timekeeping Date: _____ PPR with Supervisor: _____

HAZMAT 40 hour training: _____

X-RAY

Dental

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Radiographic (Dr's, vets, chiropractors, etc.)

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Multi-Specialty (Clinics & Out Patient)

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Major Medical Facilities (Hospitals, Special Procedures, Etc)

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Mammography

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: Course 1 _____ Course 2 _____ Course 3 _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Accelerators and Misc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

RAM

G.C., In-Vitro, Eye Applicators, Consultants, Etc.

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Fixed and Moisture/Density Gauges

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____
Training Instr: _____ Approval Date: _____

Nuclear Medicine & Therapy

Regulations Review Date: _____ Inspection Documentation Review Date: _____
Training Course: [Diagnostic & Therapeutic Nuclear Medicine \(H-304\)](#) _____ Date: _____
Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Nuclear Pharmacies

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Industrial Radiography

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: [Safety Aspects of Industrial Radiography \(H-305\)](#) _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Well Logging

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: [Safety Aspects of Well Logging \(H-314\)](#) _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Broad Scope and Manufacturers

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: _____ Date: _____

Demonstration Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

NORM

Regulations Review Date: _____ Inspection Documentation Review Date: _____

Training Course: NORM 40 Hour _____ Date: _____

Office Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Office Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Demo Inspections: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Field Inspections Performed: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

Training Instr: _____ Approval Date: _____

Training Courses

Name of the Course	Date	Can Perform Inspection
Introductory Health Physics	_____	_____
Inspection Procedures	_____	_____
Diagnostic Nuclear Medicine	_____	_____
Industrial Radiography	_____	_____
Well Logging	_____	_____
Brachytherapy & Gamma Knife	_____	_____
Transportation of RAM	_____	_____
HP Eng	_____	_____
Sealed Source & Device	_____	_____
HP Technology	_____	_____
NORM 40 Hour	_____	_____
Increase Control	_____	_____
Irradiator Tech	_____	_____
Licensing Procedure	_____	_____
RERO	_____	_____
MARSSIM	_____	_____
RESRAD	_____	_____
Root Cause	_____	_____
Inspecting for Performance	_____	_____
5 Week/4 Week Course	_____	_____
Rad.Safety Superfund/Stes	_____	_____
HAZWPR	_____	_____
X-RAY	_____	_____
NEXT	_____	_____
NEXT	_____	_____
NEXT	_____	_____
MQSA I	_____	_____
MQSA II	_____	_____

Employee	ICS 100	ICS 200	ICS 300	ICS 400	ICS 700
Scott Blackwell	Comp	Comp	Comp	Comp	Comp
Ashley Hebert	Comp	Comp	Comp	Comp	Comp
Gwen Maglic	Comp	Comp	Comp	Comp	Comp
Kitty Hebert-Jacob	Comp	Comp	Comp	Comp	Comp
Joe Noble	Comp	Comp	Comp	Comp	Comp
Mark Chrisman	Comp	Comp	Comp	Needs	Comp
Jacob Blood	Comp	Comp	Comp	Comp	Comp
Dwayne Stepter	Comp	Comp	Comp	Comp	Comp
Ziad Fhad	Comp	Comp	Comp	Comp	Comp
Julian Baidy	Comp	Comp	Comp	Needs	Comp
Judy Schuerman	Comp	Comp	Comp	Comp	Comp
Karen Ratcliff	Comp	Comp	Comp	Needs	Comp
Melanie Bauder	Comp	Comp	Comp	Comp	Comp
Jabari Robinson	Comp	Comp	Comp	Comp	Comp
Brad Schexnayder	Comp	Comp	Comp	Comp	Comp
Jim Pate	Comp	Comp	Comp	Comp	Comp
Jason Roy	Comp	Comp	Comp	Comp	Comp
Michael McMahon	Comp	Comp	Comp	Comp	Comp
Ben Garwood	Comp	Comp	Comp	Comp	Comp
Yulonda Shelby	Comp	Comp	Comp	Comp	Comp
Ann Troxler	Comp	Comp	Comp	Comp	Comp
Jerry Gilmore	Comp	Comp	Comp	Needs	Comp
Jennifer Elee	Comp	Comp	Comp	Comp	Comp
Russell Clark	Comp	Comp	Comp	Comp	Comp
John Fontenot	Comp	Comp	Comp	Comp	Comp
Cathy Rogers	Comp	Comp	Needs	Needs	Comp
Paula Strahan	Comp	Comp	Comp	Needs	Comp
Natalie Lonsberry	Needs	Needs	Needs	Needs	Needs
Timothy Butler	Needs	Needs	Needs	Needs	Needs

<u>SS&D Registry Number</u>	<u>Manufacturer, Distributor, or Custom User</u>	<u>Product Type or Use</u>
LA-0112-S-801-S	Manufacturer/Distributor: BSI Instruments, Inc. Custom User: Olin Corporation	D) Gamma Gauges (Transmission Gauge Source)
LA-0186-D-112-S	Manufacturer/Distributor: Berthold Technologies Cusom User: BASF Chemicals Division	(D) Gamma Gauges (Density Gauge)
LA-0300-S-813-S	Superseded by LA-8103-S-819-S see below	
LA-0300-D-814-S	Superseded by LA-8103-D-820-S see below	
LA-0300-D-818-S	Superseded by LA-8103-D-821-S see below	
LA-0300-D-819-S	Superseded by LA-8103-D-822-S see below	
LA-0300-D-820-S	Superseded by LA-8103-D-823-S see below	
LA-0300-S-831-U	Superseded by LA-8103-S-811-S see below	
LA-0612-S-101-S	Manufacturer/Distributor: Source Production and Equipment	Industrial Radiography (Industrial Radiography Source)
LA-0612-D-102-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Source Changer)
LA-0612-D-103-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Exposure Device)
LA-0612-D-104-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Exposure Device)
LA-0612-S-105-S	Manufacturer/Distributor: Source Production and Equipment	Industrial Radiography (Industrial Radiography Source)
LA-0612-S-106-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Source Assembly)
LA-0612-D-107-U	Superseded by LA-0612-D-807-S see below	(A) Industrial Radiography
LA-0612-D-108-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Expsoure Device)
LA-0612-S-110-S	Manufacturer/Distributor: Source Production and Equipment	Industrial Radiography (Industrial Radiography Source)
LA-0612-D-111-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Exposure Device)
LA-0612-D-112-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Exposure Device)
LA-0612-S-113-S	Manufacturer/Distributor: Source Production and Equipment	Industrial Radiography (Industrial Radiography Source)
LA-0612-S-114-S	Manufacturer/Distributor: Source Production and Equipment	Industrial Radiography (Industrial Radiography Source)
LA-0612-S-116-S	Manufacturer/Distributor: Source Production and Equipment	ual Brachytherapy (Brachytherapy Source Ytterbium)
LA-0612-S-117-S	Manufacturer/Distributor: Source Production and Equipment	(AC) Photon-emitting Remote Afterloaders (Brachytherapy Source)
LA-0612-S-118-S	Manufacturer/Distributor: Source Production and Equipment	(AC) Photon-emitting Remote Afterloaders (Brachytherapy Source)
LA-0612-S-802-S	Manufacturer/Distributor: Source Production and Equipment	Industrial Radiography (Industrial Radiography Source)
LA-0612-D-803-S	Manufacturer/Distributor: Source Production and Equipment) Industrial Radiography (Source Pigtail Assembly)
LA-0612-S-804-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Radiography Source)

LA-0612-S-805-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Radiography Source)
LA-0612-S-806-S	Manufacturer/Distributor: Source Production and Equipment	(AC) Photon-emitting Remote Afterloaders (Bra
LA-0612-D-807-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Expsoure Device)
LA-0612-S-808-S	Manufacturer/Distributor: Source Production and Equipment	(A) Industrial Radiography (Source Assembly)
LA-0734-D-108-S	Custom User: Tracerco	Pipeline Inspection (Pipeline Inspection Source
LA-0760-S-107-S	Manufacturer/Distributor: Alpha-Omega Services, Inc.	AC Photon-emitting Remote Afterloader (Brachy
LA-0760-S-108-S	Manufacturer/Distributor: Alpha-Omega Services, Inc.	(AC) Photon-emitting Remote Afterloaders (Bra
LA-0760-D-801-S	Manufacturer/Distributor: Alpha-Omega Services, Inc.	(AC) Photon-emitting Remote Afterloaders (Bra
LA-0760-S-802-S	Manufacturer: Alpha-Omega Services, Inc. Distributor: Guidant Corporation	(AF) Other Medical Uses (Brachytherapy Source
LA-0760-S-803-S	Manufacturer/Distributor: Alpha-Omega Services, Inc.	(AC) Photon-emitting Remote Afterloaders (Bra
LA-0760-S-804-S	Manufacturer: Alpha-Omega Services, Inc. Distributor: Guidant Corporation	(AF) Other Medical Uses (Brachytherapy Source
LA-0760-D-805-S	Manufacturer/Distributor: Alpha-Omega Services, Inc.	(AC) Photon-emitting Remote Afterloaders (Bra
LA-0955-D-805-S	Manufacturer/Distributor: Sarnia Inspection Company	(A) Industrial Radiography (Pipeline Radiograph
LA-0955-D-806-S	Manufacturer/Distributor: Sarnia Inspection Company Manufacturer/Distributor: Norma Testing Technology Ltd., - Dist.	(A) Industrial Radiography (Crawler)
LA-1281-D-801-S	Manufacturer/Disributor: Oncology Systems	(AC) Photon-emitting Remote Afterloaders (HD
LA-1394-S-101-S	Distributor: Eckert & Ziegler BEBIG, Inc. Manufacturer: Mallinckrodt Medical B.V.	(AC) Photon-emitting Remote Afterloaders (HD
LA-1394-S-102-S	Distributor: Eckert & Ziegler BEBIG, Inc. Manufacturer: Mallinckrodt Medical B.V.	(AC) Photon-emitting Remote Afterloaders (HD
LA-1394-D-103-S	Distributor: Eckert & Ziegler BEBIG, Inc. Manufacturer: Eckert & Ziegler BEBIG GmbH	(AC) Photon-emitting Remote Afterloaders (HD
LA-8103-D-801-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Exposure Device)
LA-8103-D-802-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Exposure Device)
LA-8103-S-803-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Source Assembly)
LA-8103-D-804-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Exposure Device)
LA-8103-D-805-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Expsoure Device)
LA-8103-S-806-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Source Assembly)

LA-8103-S-807-S	Manufacturer/Distributor: Gamma Industries, Inc.	(E) Beta Gauges (General Use Beta Source)
LA-8103-S-808-S	Manufacturer/Distributor: Gamma Industries, Inc.	(E) Beta Gauges (Beta Source for Gauging and C
LA-8103-S-809-S	Manufacturer/Distributor: Gamma Industries, Inc.	(F) Well Logging (source)
LA-8103-S-810-S	Manufacturer/Distributor: Gamma Industries, Inc.	(F) Well Logging (source)
LA-8103-S-811-S	Manufacturer/Distributor: Gamma Industries, Inc.	(AD) Photon-emitting Teletherapy Units (soucre
LA-8103-S-812-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Source Assembly)
LA-8103-D-813-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Crawler Stopper)
LA-8103-D-814-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Exposure Device)
LA-8103-S-815-S	Manufacturer/Distributor: Gamma Industries, Inc.	(AA) Manual Brachytherapy (Brachytherapy Car
LA-8103-S-816-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Source Assembly)
LA-8103-D-817-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Exposure Device)
LA-8103-D-818-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Exposure Device)
LA-8103-S-819-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Source Assembly)
LA-8103-D-820-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Exposure Device)
LA-8103-D-821-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Expsoure Device)
LA-8103-D-822-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Exposure Device)
LA-8103-D-823-S	Manufacturer/Distributor: Gamma Industries, Inc.	(A) Industrial Radiography (Exposure Device)
LA-8284-S-801-S	Manufacturer/Distributor: RADS, S. L., Inc.	(AA) Manual Brachytherapy (Brachytherapy Sou
LA-8284-S-802-S	Manufacturer/Distributor: RADS, S. L., Inc.	(AA) Manual Brachytherapy (Brachytherapy Sou
LA-8285-D-801-S	Manufacturer/Distributor: Noram Testing Technology, Ltd.	(A) Industrial Radiography (Pipeline Crawler)
	Manufacturer/Distributor: Essex Service Co.-Dist.	
LA-8285-D-802-S	Manufacturer/Distributor: Noram Testing Technology, Ltd.	(A) Industrial Radiography (Expsoure Device)
	Manufacturer/Distributor: Essex Service Co.-Dist.	
LA-8285-D-803-S	Manufacturer/Distributor: Noram Testing Technology, Ltd.	(A) Industrial Radiography (Pipeline Crawler St
	Manufacturer/Distributor: Essex Service Co.-Dist.	
LA-8285-D-804-S	Manufacturer/Distributor: Noram Testing Technology, Ltd.	(A) Industrial Radiography (Source Exchange)
	Manufacturer/Distributor: Essex Service Co.-Dist.	
LA-8287-D-801-S	Manufacturer/Distributor: Thompson Consultants	(D) Gamma Gauges (Density Gauge)

<u>Date Issued</u>	<u>Type of Action</u>
November 29, 2012	Amended
November 29, 2012	Amended
December 3, 2013	Amended
November 13, 2015	Amended
December 3, 2013	Amended
December 6, 2013	Amended
April 23, 2013	Amended
June 1, 2012	Amended
January 15, 1980	Amended
January 9, 2014	Amended
November 18, 2013	Amended
June 1, 2012	Amended
January 21, 2000	
July 14, 2003	
June 1, 2012	Amended
January 14, 2013	Amended
April 23, 2015	Amended
February 17, 2014	New
August 6, 2015	New
December 6, 2013	Amended
December 6, 2013	Amended
December 6, 2013	Amended

December 6, 2013	Amended
June 1, 2012	Amended
December 6, 2013	Amended
December 6, 2013	Amended
June 12, 2015	Amended
April 25, 2014	New
June 5, 2013	Amended
January 9, 2013	New
January 25, 2013	Amended - Transfer to inactive status
February 5, 2016	Amended
November 2, 2012	Amended - Transfer to inactive status
February 8, 2016	Amended
November 2, 2012	Amended - Transfer to inactive status
February 5, 2016	Amended - Corrected Page 1
February 18, 2013	Amended - Transfer to inactive status
February 18, 2013	Amended - Transfer to inactive status
March 13, 2014	Amended
March 14, 2014	Amended
June 1, 2012	Amended - Transfer to inactive status
April 30, 2016	New
April 30, 2016	New
April 28, 2015	New
October 18, 2013	Amended
October 21, 2013	Amended
October 21, 2013	Amended
November 7, 2013	Amended
October 31, 2013	Amended
October 31, 2013	Amended

November 7, 2013	Amended
November 12, 2013	Amended
November 12, 2013	Amended
November 12, 2013	Amended
November 12, 2013	Amended
November 18, 2013	Amended
November 12, 2013	Amended
November 12, 2013	Amended
November 12, 2013	Amended
November 12, 2013	Amended
November 12, 2013	Amended
November 12, 2013	Amended
January 13, 2014	Amended
January 15, 2014	Amended
January 15, 2014	Amended
January 15, 2014	Amended
January 15, 2014	Amended
October 21, 2013	Amended - Transfer to inactive status
October 18, 2013	Amended - Transfer to inactive status
February 21, 2014	Amended
February 21, 2014	Amended
February 21, 2014	Amended
February 21, 2014	Amended
March 10, 2014	Amended - Transfer to inactive status