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.

  1.) 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.

  1.) There is an Excel spreadsheet that will have all of the Terminated Licensees listed. The Excel file is located in the Shared Directory: \\Alpha_nt\radlicense\Radioactive Material Licenses then click on Terminated List.

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

  1.) 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).

  1.) 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 James Pate 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.

ALSO, PLEASE HAVE THE FOLLOWING DOCUMENTS AVAILABLE:

 All State regulations

 Statutes affecting the regulatory authority of the State program.

 Standard license conditions

1.) Shared Directory: \\Alpha_nt\radlicense\Radioactive Material Licenses\Word Licenses\All Conditions

 Technical procedures for licensing, model licenses, review guides

1.) http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/
2.) \\Alpha_nt\radlicense\License Guides

 SS&D review procedures, guides, and standards

1.) http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v3/r1/
2.) Document: Health Physics Society ANSI/HPS N43.6-1997 An American National Standard Sealed Radioactive Sources – Classification

 Instrument calibration records

The instrument calibration records are maintained in an Excel spreadsheet and will be supplied upon request during the IMPEP Review.

 Inspection procedures and guides

The SOP is located on the Louisiana Department of Environmental Quality Intranet and will be provided upon request during the IMPEP Review.

 Inspection report forms

The SOP is located on the Louisiana Department of Environmental Quality Intranet and will be provided upon request during the IMPEP Review.

 Documented training plan, if applicable

There is an Excel spreadsheet that contains the training information and it will be provided upon request during the IMPEP Review.

 Records of results of supervisory accompaniments of inspectors

See question 16 under section III. Technical Quality of Inspections.

- Emergency plan and communications list

  The SOP is located on the Louisiana Department of Environmental Quality Intranet and will be provided upon request during the IMPEP Review.

- Procedures for investigation allegations

  The SOP is located on the Louisiana Department of Environmental Quality Intranet and will be provided upon request during the IMPEP Review.

- Procedures for investigating incidents

  The SOP is located on the Louisiana Department of Environmental Quality Intranet and will be provided upon request during the IMPEP Review.

- Enforcement procedures, including procedures for escalated enforcement, severity levels, civil penalties (as applicable)

  The SOP is located on the Louisiana Department of Environmental Quality Intranet and will be provided upon request during the IMPEP Review.

- Job descriptions

  The job descriptions are in the Radiation Licensing shared directory. These descriptions will be made available during the IMPEP Review.

Integrated Materials Performance Evaluation Program Questionnaire

Name of State: Louisiana /Regional Program Reporting Period: April, 2008, to March/April, 2012 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 the comments and recommendations following the last review.

   We have added the previous inspection information to the introduction of the narrative report. If there were any areas of concern during the previous inspection, they are addressed in the introduction as well.

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 Governor down to Radiation Control Program Director;

See Attachment A

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

See Attachment A

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

James Pate – See Attachment A for organizational chart showing his position, because he still performs some work for the Radiation Section like doing SS&D.

Richard S. Blackwell – See Attachment A for organizational chart showing his position, because he does the Low-level radioactive waste disposal program.

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. Include all vacancies and identify all senior personnel assigned to monitor work of junior personnel. If consultants were used to carry out the program's radioactive materials responsibilities, include their efforts. The table heading should be:

NAME	POSITION	AREA OF EFFORT
ADMINISTRATION SECTION		
(See Attachment for Organization Chart)		
Tim Knight	Administrator	100% Administration
Judith Schuerman	Manager	75%Admin, 20%Compl.5%E.R.
Joseph Noble	Staff Technical Advisor	50%Compl.40% Admin.10% MQSA
James Pate	Staff Technical Advisor	50%Compl.25% Admin.25% HAZWOPER
Licensing & Registration		
Richard S. Blackwell	Supervisor	45% Admin. 50% Lic&Reg 5% LLW
Karen Ratcliff	ES3	95% Lic&Reg 5% E.R.

Brad Schexnayder	ES3	95% Lic&Reg, 5% E.R.
Melanie Bauder	ES3	95% Lic&Reg. 5% E.R.
Ziad Fahd	ES3	95% Lic&Reg. 5% E.R.
Yulonda Shelby	ES2	95% Lic&Reg. 5% E.R.

<u>Surveillance</u>

Dwayne Stepter	Supervisor	70% Compliance,25%Admin.5%ER
Jennifer Elee	ES3	75% Compliance 5% ER 20%MQSA
Mark Chrisman	ES3	95% Compliance 5% ER
Jason Roy	ES3	95% Compliance 5% ER
John Fontenot	ES3	95% Compliance 5% ER
Kitty Jacob	ES3	95% Compliance 5% ER
Gwen Maglic	ES3	90% Compliance 5% ER 5%MQSA
Russell Clark	ES3	95% Compliance 5% ER
Natalie Lonsberry	ES1	95% Compliance 5% ER
Jabari Robinson	ES3	95% Compliance 5% ER
Jessica Chaney	ES1	95% Compliance 5% ER
Timothy G. Butler	ES1	95% Compliance 5% ER
Ashley Hebert	ES3	95% Compliance 5% ER

<u>Enforcement</u>

Benjamin Garwood	ES3	95% Enforcement 5% ER

<u>Emergency Planning and Response Section (REPR)</u>

Peter Ricca	Manager	75%Admin, 25%E.R.
Ji Wiley	Supervisor	75% REPR, 25% CAPP

Cheryl Chubb	ES3	100& REPR
Greg Gothard	ES3	100% REPR

Low-Level Radioactive waste

Richard S. Blackwell	Supervisor	45% Admin. 50% Lic&Reg 5% LLW

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

Name	Degree(s)	NRC Classes	Other

Judith A. Schuerman: Ph.D. in Inorganic Chemistry with a minor in Environmental Studies; B.A. in Chemistry. Judy has taken the following NRC courses: Licensing Procedures, Introductory Health Physics, Increased Controls, and Well Logging. Judy has worked for DEQ for 13.5 years. She has been the Radiation Section Manager since January 2009.

Natalie Lonsberry: BS in Physics, 42 hours of LSU graduate school Health and Medical Physics coursework and 40 semester hours of research. Since joining the DEQ, Ms. Lonsberry has successfully completed 40 Hour HAZWOPER training and the NRC Transportation of Radioactive Material course. She worked as a medical physics graduate assistant at Mary Bird Perkins Cancer Center in Baton Rouge, Louisiana from 2008-2010. Ms. Lonsberry conducted graduate research on the TomoTherapy radiation treatment linear accelerator evaluating the image quality and reproducibility of the megavoltage imaging available for pre-treatment patient imaging. She has worked at DEQ in the Office of Environmental Compliance, Assessment Division, Radiation Section since April 2011.

Yulonda Shelby: BS in Biology with a concentration in micro. I have taken NRC- Intro to Health Physics, NRC-Increased Controls, NRC-Licensing and procedure courses. I have worked at DEQ Assessment Division for emergency and radiological services division from June 2009 to Present.

Jabari Robinson: B.S. in Physics, M.S. in Medical & Health Physics. Jabari has taken the NRC Licensing Procedures course, Inspection Procedures course, MARSSIM course, RESRAD course, RESRAD- Offsite course, Health Physics Technology course, Industrial Radiography course, Transportation of RAM course, Increased Controls course, Sealed Source & Device Evaluation course, and Well Logging course. Additionally, he has taken QSA Global's Source Retrieval course (for Industrial Radiography), FEMA's Radiological Emergency Preparedness (REP) course, FEMA's Radiological Accident Assessment Concepts (RAAC) course, and FEMA's Radiological Emergency Response Operations (RERO) course. Furthermore, he has taken IS-100, IS-200, IS-300, IS-700, IS-800, ICS-300, and ICS-400. Jabari was a student assistant with the radiation program at LSU during the summer of 2004. Jabari was a Physics intern at Mary Bird Perkins Cancer Center from the Fall of 2004 through the Summer of 2005. He worked for the Radiation

Licensing Section of DEQ from June of 2007 to July of 2011. He transferred to the Radiation Surveillance Section of DEQ on July of 2011, where he presently works.

Ashley Hebert: BS in Biological Sciences. I have had additional training in Health Physics through a Radiation Protection course given at LSU. I have taken the NRC Health Physics, Nuclear Medicine, Inspection Procedures, Transportation of RAM, Well Logging, Industrial Radiography, Increased Controls, and Nuclear Pharmacy courses. I have also participated in the Radiological Emergency Response Operations training at the Center for Domestic Preparedness. I have worked at DEQ in the Assessment Division, Radiation Section, from August 2008 to present.

Timothy Butler: BS in Physics. Timothy has taken the NRC Basic Health Physics course (H-122), and the NRC Radioactive Materials Transport course (H-308). Timothy has worked as a researcher at Louisiana Tech University with the D0 team, on neutron detector designs which included radiation shielding applications. Tim has worked at DEQ in the Assessment Division, Radiation Section from July 2011 to Present.

Ben Garwood: BS Biology, Chemistry Minor ACS, MS Pharmacology with focus in cardiovascular pharmacons and toxicons. Ben has technical multimedia experience in air quality inspection and enforcement, emergency response and radiological emergency planning and response and radiation enforcement since October 2002. He has been employed as the only radiation enforcement writer specialist for the State since July 2009 with duties including the generation, settling and closing of escalated enforcement actions. He has had training in NIMS ICS 100, 200, 300, 400, 700 and 800, recently as lead in Hurricane Gustav Planning Unit. A brief summary of radiological protection experience is summarized below: 2011 NRC RASCAL 4.1 Training, 2010 H-305 Industrial Radiography,2010 H-201 Health Physics Technology, 2010 H-122 Basic Health Physics,2006 Dose Assessment Formula Based Calculation Training, 2005 LSU Selected Topics in Radiological Health Physics, 2005 Accident Assessment Training, 2004 Accident Assessment Post-Plume Phase Training, 2004 Dose Assessment Post-Plume Phase Training, 2004 Sampling Plan Development Post-Plume Phase Training, 2004 DOE Federal Radiological Monitoring and Assessment Center (FRMAC) Technical Training, 2004 Ingestion Phase Exercise Player/Observer/Controller Briefing,2004 Ingestion Phase Exercise Observer, 2003 REPR Basic Concept and Radiation Training, 2003 Field Monitoring Team Training, 2003 Field Monitoring Team Practical Training, 2003 FEMA IS 301 Radiological, Emergency Response, 2003 WIPP Radiological Emergency Transportation Accident Train the Trainer.

John Fontenot: I received a BS Medical Technology and worked in the field of Medical Technology for two years at Opelousas General Hospital and eight years at Ville Platte Medical Center. I joined DEQ on June 2003 and my first media was Radiation from 2003 to 2008, transferred to Water, Hazardous Waste, and Solid waste from February 2008 to April 2011. Transferred back to radiation until present. Training Received while at DEQ: Principles of Health Physics 2005, RCRA Fundamentals 2010, Air monitoring for Emergency Response 2009, BRAMAS Emergency Response Training Program 2008, NRC Security Systems and Principles 2006, Inspection Procedures Course G-108 2006, Selected Topics in, Radiological Protection 2003, NRC Diagnostic & Theriputic Nuclear Medicine H-304 2005, FEMA NIMS IS-00100; IS-00700: IS-00200; IS-00800; ICS-300; ICS-400, Basic Interviewing Techniques 2004, FDA Diagnostic X-Ray Systems 2004, NRC Safety Aspects of Well Logging 2007, NRC Industrial Radiography H-305, RERO 2008, Weapons of Mass Destruction Crime Scene Management AWR-103 U.S. Homeland Secruity.

Jessica M. Chaney: BS Physics, MS Industrial Engineering with an emphasis in human factors engineering. Jessica has a diverse background in science. She has conducted research on the ability to remove cancerous cells on the liver with CO2 lasers, as well as, the ability to mass customize the interior of vehicles at dealerships prior to purchase. While being employed by DEQ, Jessica has completed the NRC Introductory Physics Course (H-117). Jessica has also completed the FEMA Incident Command Courses 100, 200, 700, and 800. Jessica has been employed at DEQ in the Radiation Section under the Assessment Division since December 2011.

5. Please list all professional staff who have not yet met the qualification requirements for a license reviewer or materials 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 program during the review period.

   Ann Troxler – Senior Technical Advisor (DCLB)
   Julian Baidy – Surveillance Inspector
   Jerry Gilmore – Surveillance Inspector
   Jacob Blood – Surveillance Inspector
   Michael McMahon – Surveillance Inspector
   Richard Penrod – Manager
   Jeff Meyers – Administrator
   Soumaya Ghosn – E.S. Supervisor
   Paula Strahan – Program Analyst
   Ji Wiley – License Writer

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

   Vacant at this time – DCLB – AD/RAD

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.

   Inactive Medical Review Board. Physicians and RSOs are contacted as needed.

II. <u>Status of Materials Inspection Program</u>

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: licensee name, 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; the number of initial inspections; and the number of increased controls inspections that were completed during the review period.

Excel Spreadsheet "IMPEP 2012 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, increased controls, and initial inspections that were conducted overdue per the applicable guidance. Priority 1, 2, and 3 licensees and initial inspections must be conducted at least as frequently as the inspection intervals established in IMC 2800. Increased controls inspections should be conducted at the intervals established in the Staff Requirements Memorandum for COMSECY-05-0028.

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 2012 Questionnaire B.II.12" is attached.

13. Please submit a table or computer printout that identifies any Priority 1, 2, and 3 licensees, increased controls, and initial inspections that are currently overdue, per the applicable guidance. 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.

This information is determined from the Inspection Due List which is an Excel spreadsheet. This list will be provided upon request during the IMPEP Review.

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

Year	Reciprocity Licensees	Number Inspected	Percentage
2009	57	19	33%
2010	57	19	33%
2011	45	14	31%

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?

We have added the previous inspection information to the introduction of the narrative report. If there were any areas of concern during the previous inspection, they are addressed in the introduction as well.

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

Inspector	Supervisor	License	Category	Date
Julian Baidy	Richard Penrod	H&H X-ray Services	IR office	3-17-08
	Scott Blackwell	Technical Testing	IR Field	12/8/09
	Ann Troxler	Precision Wireline	WL	9/28/10
Mark Chrisman	Richard Penrod	Hi-Tech Testing	IR Field	6/24/08
	Richard Penrod	Acuren	IR Field	10/14/08
	Richard Penrod	H & H X-Ray	IR Field	10/14/08
	Scott Blackwell	Accurate NDE	IR O/IC	4/22/09
	Scott Blackwell	Acuren Insp.	IR Field	12/8/09
	Joseph Noble	Regional Health	NM	6/8/11
	Joseph Noble	LSU	Broad Scope	2/14/12
Russell Clark	Richard Penrod	Bayou Testers	IR O	8/26/08
	Scott Blackwell	NVI	IR O/IC	4/8/09
	Joseph Noble	Our Lady of the Lake	NM/Ther	12/10/09
	Joseph Noble	Mistras Inc	IR	1/23/12
Jennifer Elee	Richard Penrod	Cardiology Assoc.	NM	8/21/08
	Joseph Noble	Cardinal Health	NP	6/25/09
	Scott Blackwell	Shreveport NP	NP	12/8/09
	Joseph Noble	Nagem Med.	NP	6/2/11
	Joseph Noble	Foti Nuc. Pharm.	NP	1/25/12
John Fontenot	Joseph Noble	National Insp.	IR	6/15/11
	Joseph Noble	OLOL Ascension	NM	12/22/11
Jerry Gilmore	Richard Penrod	Foti Nuclear	NP	4/7/08
	Richard Penrod	Shaw	IR Field	10/1/08
	Joseph Noble	Baker Hughes	WL	2/2/09

	Scott Blackwell	Quality Insp	IR O/IC	6/10/09
	James Pate	TXI-Perryville	NG	9/28/10
Kitty Jacob	Joseph Noble	PETNET	NP	5/12/09
	Ann Troxler	PetroChem	IR	11/17/09
	James Pate	Gulf Engineering	IR O/IC	6/29/10
	Scott Blackwell	Ochsner Bapt.	NM	6/16/11
	James Pate	River Parishes Hosp	NM	2/7/12
Gwen Maglic	Joseph Noble	Southern Isotoes	NP	5/7/09
	Ann Troxler	Global X-Ray	IR O/IC	11/19/09
	James Pate	IRISNDT	IR O/IC	6/22/10
	Scott Blackwell	CAN USA	IR O/IC	6/21/11
	James Pate	Cardinal Health	NP	2/9/12
Jason Roy	Richard Penrod	Byrd Regional	NM	4/24/08
	Richard Penrod	Shaw	IR Field	8/7/08
	Scott Blackwell	O & K	IR O/IC	3/16/09
	Joseph Noble	Lafayette Gen.	Therapy	11/18/09
	Joseph Noble	Scientific Drilling	WL	6/23/10
	James Pate	Turner Specialty	IR O/IC	5/3/11
	Joseph Noble	ARS	Service	1/12/12
Jacob Blood	Ann Troxler	CUDD Energy Svcs	NG	4/25/09
	Joseph Noble	Cardiology Center	NM	12/9/09
	Joseph Noble	LSU Earl K. Long	NM	1/26/10
Michael McMahon	Joseph Noble	North Oaks	NM	1/28/09
	Ann Troxler	OLOL Ascension	NM	9/13/09
	Joseph Noble	River Parishes	NM/Therapy	12/3/09
	Joseph Noble	Thibodaux Reg.	NM	1/21/10
	Ann Troxler	Turner Specialty	IR O/IC	3/23/11
Ashley Hebert	Scott Blackwell	Abbeville Gen.	NM	4/26/11
	Joseph Noble	Y. Jeffery Chen, MD	NM	12/9/11
Jabari Robinson	Joseph Noble	Lallie Kemp Med.	NM	9/23/11
	Joseph Noble	LPA	NG	11/16/11
	Joseph Noble	LA Testing	NG	12/28/11

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 the Program regulate at this time?

504 Ram Licensees (3/1/2012)

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.

Terrebonne General Gamma Knife, LA-2762-L01

20. Identify any licensees or groups of licensees that were issued increased controls during the review period. Those licensees that were initially identified during the initial implementation of increased controls need not be listed.

An excel spreadsheet "New IC Licenses" is attached.

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

LSU Exemption for Research
Ochsner Clinic Foundation exemption to LAC 33:XV.715.B.2
Lallie Kemp Exemption for eating and drinking in laboratory
Mary Bird Perkins Exemption.

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

191. Online internet training from an Agreement State or NRC approved course for portable nuclear gauge safety training must be followed by hands on training from the Radiation Safety Officer or Manufacturer prior to the use of the gauge. A written record of the hands on training shall be maintained for inspection by the Department.

192. The licensee must comply with the requirements of 10 CFR Part 30.32 (g) or equivalent Agreement State requirements. The licensee must use appropriate procedures, practices for the device use, maintenance and for responding to emergency events.

190. The Licensee shall perform a misconnect test in accordance with the manufacturer's recommendations. Records shall be maintained for inspection by the Department for three years and shall include, but not be limited to, the date, the name of the person who performed the test and the device serial number.

23. 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

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

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

None

25. During this review period, did any incidents occur that involved equipment or source failure or approved operating procedures that were deficient? If so, how and when were other State/NRC licensees who might be affected notified? For States, was timely notification made to NRC? For Regions, was an appropriate and timely PN generated? For Agreement States, was information on the incident provided to the agency responsible for evaluation of the device for an assessment of possible generic design deficiency? Please provide details for each case.

None.

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

The SOP is located on the Louisiana Department of Environmental Quality Intranet and will be provided upon request during the IMPEP Review.

C. NON-COMMON PERFORMANCE INDICATORS

I. Compatibility Requirements

27. Please list all currently effective legislation that affects the radiation control program.

LA R.S. 30:2001 et. seq., specifically 2101-2134.

Denote any legislation that was enacted or amended during the review period.

There was none that affected the radiation program specifically, but there was a lot in regards to the department's overall operation.

28. 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 which is July 1, 2015, but none specifically for the radiation program. 2010 Regular Legislative Session Act 154.

Transportation - Appendix

29. 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, please describe their use.

The State of Louisiana has regulations except for transportation regulations at the NRC for compatibility review.

30. 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.

The State of Louisiana has regulations except for transportation regulations at the NRC for compatibility review.

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

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

SS&D Registry Number	**Manufacturer/ Distributer**	**Product Type**	**Date Issued**	**Type of Action**
LA-0477-D-801-S	MD	Pipeline Crawler	06/10/08	Specific (Inactive)
LA-0477-D-802-S	MD	Radiographic Exposure Device	06/10/08	Specific (Inactive)
LA-0477-D-803-S	MD	Pipeline Crawler Stop Source	06/10/08	Specific (Inactive)
LA-0477-D-804-S	MD	Source Exchanger	06/10/08	Specific (Inactive)
LA-0557-S-801-S	MD	Brachytherapy Source	06/10/08	Specific (Inactive)
LA-0557-S-802-S	MD	Brachytherapy Source	06/10/08	Specific (Inactive)
LA-0612-S-806-S	MD	Brachytherapy Source	10/07/08	Specific (Inactive)
LA-0612-D-102-U	MD	Industrial Radiography Changer	05/05/08	Listed as Unknown (Specific Supersedes)
LA-0612-S-105-S	MD	Industrial Radiography Source	10/18/10	Specific (Update)

LA-0612-S-106-S	MD	Industrial Radiography Source	10/21/10	Specific (Update)
LA-0612-S-114-S	MD	Industrial Radiography Source Assembly	10/26/09	Specific (Supersedes)
LA-0612-S-116-S	MD	Brachytherapy Source	06/25/09	Specific (Supersedes)
LA-1281-D-801-S	MD	Remote After Loading Brachytherapy	07/21/09	Specific (Supersedes)

32. Please include information on the following questions in Section A, as they apply to the SS&D Program: **See Attachment B for the following questions:**

Technical Staffing and Training - Questions 2-9 **– See Attachment B**

Technical Quality of Licensing Actions - Questions 18-23 **– See Attachment B**

Technical Quality of Incident and Allegation Activities - Questions 24-26 **– See Attachment B**

III. <u>Low-Level Radioactive Waste Disposal Program</u>

33. 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.

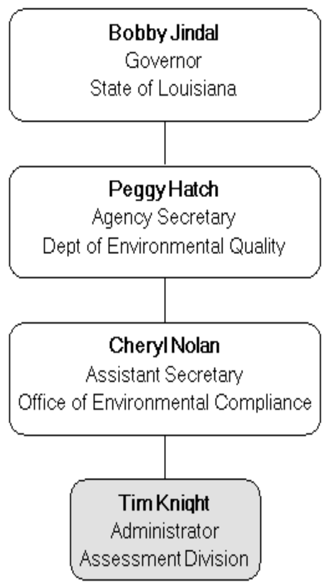
IV. <u>Uranium Recovery Program</u>

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

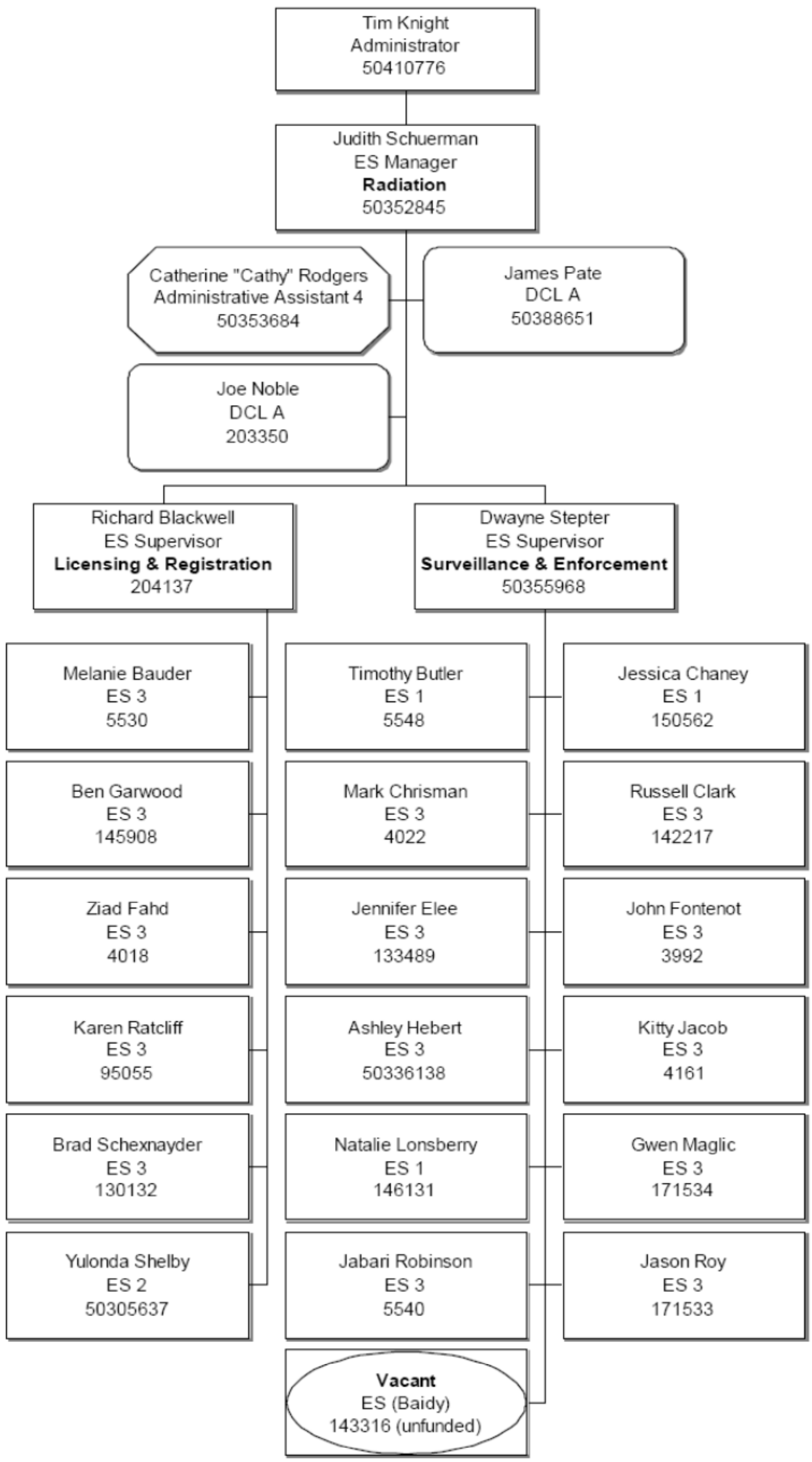
The State is not involved in the uranium mill program.

ATTACHMENT A

State of Louisiana
Department of Environmental Quality
January 26, 2012



Assessment Division
Radiation
January 5, 2012



ATTACHMENT B

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

I. Technical Staffing and Training

Name Position Area of Effort FTE%

Personnel Performing Seal Source & Device Registrations:

Name	Position	Area of Effort	FTE%
James M. Pate III	E.S. DCLA	8%	8%
Jabari Robinson	E.S. III	3%	3%
Brad Schexnayder	E.S. III	1%	1%
Ziad Fahd	E.S. III	1%	1%
Total	4	13%	13%

1. Please provide a listing of all new professional personnel hired since the last review, indicate the degree(s) they received, if applicable, and additional training and years of experience in health physics, or other disciplines, as appropriate.

   James M. Pate III has transferred from licensing to surveillance and SS&D.
   Jabari Robinson was hired into licensing and SS&D and has transferred to surveillance and SS&D.

2. Please list all professional staff who have not yet met the qualification requirements for a license reviewer or materials inspector. For each, list the courses or equivalent training/experience they need and a tentative schedule for completion of these requirements.

   This is N/A at this time.

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

   James M. Pate III was an instructor for a NRC SS&D coursework training class.
   Brad Schexnayder, Jabari Robinson, and Ziad Fahd have attended the NRC SS&D coursework training.

4. Please identify the technical staff that left your program during the review period.

   Ann Troxler, E.S. DCLB

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

   E.S. DCLB is vacant at this time. The position has been vacant since December 2011.

6. 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.

   Technical Quality of Licensing Actions - Questions 18-23

IV. Technical Quality of Licensing Actions

7. How many specific radioactive material licenses does the Program regulate at this time?

   We had four licensees submit documentation about SS&D.

8. 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.

   Source Production Equipment Company, Inc. LA-2966-L01 AI# 38844 has submitted documentation in regards to amending six SS&D.

9. Identify any licensees or groups of licensees that were issued increased controls during the review period. Those licensees that were initially identified during the initial implementation of increased controls need not be listed.

   This is N/A at this time.

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

    There have been no variances or exemptions.

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

    There were no changes at this time to our written licensing procedures in regard to our seal source and device registration program.

12. 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 for SS&D.