

Approved by OMB¹
 No. 3150-0183
 Expires 08/31/2010

INTEGRATED MATERIALS PERFORMANCE EVALUATION PROGRAM

QUESTIONNAIRE

State of New Hampshire

Reporting Period: June 26, 2004 to September 19, 2008

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.

All recommendations from the 2004 IMPEP review, June 21-25, 2004, were closed after the follow-up review conducted July 26-27, 2005.

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 attached response to I. Technical Staffing and Training – Item 2(a) (in addendum)

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

See attached response to I. Technical Staffing and Training – Item 2(b) (in addendum)

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

Not applicable for low-level radioactive waste or uranium recovery programs. For sealed source and device evaluation, see Item 2(b).

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

¹ Estimated 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.

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:

<u>Name</u>	<u>Position</u>	<u>Area of Effort</u>	<u>FTE%</u>
-------------	-----------------	-----------------------	-------------

See attached response to I. **Technical Staffing and Training – Item 3 (in addendum)**

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.

See attached response to I. **Technical Staffing and Training – Item 4 (in addendum)**

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.

Craig Knowles has attended the core courses and is fully qualified to inspect Priority 5 licensees. At present he is obtaining training and experience to increase inspection proficiency. In licensing, Mr. Knowles is competent to execute less complex licensing actions and is progressing in his knowledge of more complex licensing actions. It is expected that within the year, Mr. Knowles will be able to perform the majority of the New Hampshire Radiation Control Program (RCP) functions.

David Lake has not yet attended the licensing procedures, inspection procedures, or industrial radiography courses. Nevertheless, he has a strong background in radiological health and safety through his previous positions in both the Radon and Emergency Response Programs within the NH RCP. (See training records). Since his hiring as a radiation health physicist II, he has attended a 40-hour didactic radiation safety course to improve his general technical background. At this time we are looking at other classes (such as the radiation safety courses offered through the Harvard School of Public Health) to improve his hands-on radiochemistry experience. It is important to note that Mr. Lake does have dozens of hours of actual work experience in the NH Radiochemistry Laboratory. He has received in-house inspection training and has accompanied inspectors. Additionally, he has been accompanied and had supervisory accompaniments. He is qualified to perform inspections on portable and fixed nuclear gauges. By December 2010, Mr. Lake will attend the aforementioned courses.

Tina Laramée attended the “five-week” Applied Health Physics course in Oak Ridge, TN, and the industrial radiography course but has not yet attended the licensing or inspection procedures courses. Ms. Laramée’s background in regulatory radiation safety is attributed to one year in the NH Radiochemistry Lab where she frequently assisted in surveying for inspections and incident response. Since becoming a Health Physicist, Ms. Laramée has received the in-house training for licensing and inspection. She remains in training in both areas and is gaining experience via accompaniments and by performing less complex

licensing actions under supervision. By July 2010, Ms. Laramée will attend the aforementioned courses.

Of note: With the exception of the Administrator and the program managers, all other NH RCP regulatory health physicists carry out a broad range of health physics activities for both the Radioactive Materials Program and the Radiation Machine Program.

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

We have initiated improvement in the training procedure, in that, with the hiring of three new health physicists, we have implemented weekly training meetings for initial training, questions, discussion of identified issues, and peer review. Additionally, the inspections are scheduled to allow as much hands-on-training as possible. (See listing in #16)

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

See attached response to I. Technical Staffing and Training – Item 7 (in addendum)

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.

Not applicable. No current vacancies exist.

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.

Not applicable.

II. Status of Materials Inspection Program

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

Not applicable. The NH RCP fully adopted the NRC inspection schedule in April 1997, and subsequent revisions.

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.

**27 routine inspections of Priority 1, 2 and 3 licensees
9 initial inspections
5 initial Increased Control inspections and 1 repeat inspection**

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.

- (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

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

Not applicable, the State does not have any overdue inspections during this review period. We did issue one Increased Control license condition that was later discovered, via the NRC, that the license was previously under an NRC Order and therefore not eligible to be a State Increased Control license. Subsequently, the license was amended for the Increased Controls requirements and not inspected until the NRC notified us that they were inspecting the licensee as per the NRC Order. A State staff member, trained in Increased Security Controls, accompanied the NRC Inspector. During the inspection, it was determined that the source was decayed below the requisite amount and therefore would be a candidate for the State Increased Control regulations rather than the NRC. The State inspector carried out approximately 85% of the Increased Control inspection at that time, and completed it in a follow up inspection.

- 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.

Not applicable. There are currently no inspections overdue by more than 25% of the scheduled frequency as set forth in the NRC Inspection manual Chapter 2800.

- 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	Candidates for Inspection	Inspected
June 26, 2004 to Year End	1	1
2005	2	1
2006	4	2
2007	2	1
2008 Year to Date	4	2

Number of inspections of non-priority licensees performing reciprocity are: none in 2004, 1 in 2005, 4 in 2006, none in 2007 and 2 in 2008 to date.

III. Technical Quality of Inspections

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

No significant changes since the last review. The Section modifies its program and procedures according to the NRC's Chapter 2800 Manual, as necessary.

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

Inspector	Supervisor	License Category	Date
D'Alarcao, Rick	Kenna, Twila	Medical uses	10-May-05
D'Alarcao, Rick	Kenna, Twila	Med limited scope	29-Sept-05
D'Alarcao, Rick	Banerjee, Asish	Med limited scope	27-Oct-05
Chakraborty, Debanond	Kenna, Twila	Medical uses	18-July-06
D'Alarcao, Rick	White, Duncan	Medical uses	7-Sept-06
D'Alarcao, Rick	Kenna, Twila	Medical uses	15-Nov-06
D'Alarcao, Rick	Kenna, Twila	Calibration service*	22-Feb-07
D'Alarcao, Rick	Kenna, Twila	Ind. radiography*	23-May-07
Knowles, Craig	D'Alarcao, Rick	Portable devices	19-June-07
Knowles, Craig	O'Dowd, Dennis	Portable devices	13-July-07
Laramee, Tina	D'Alarcao, Rick	Portable devices	25-Sept-07
Lake, David	Kenna, Twila	Portable devices	4-Oct-07
Knowles, Craig	D'Alarcao, Rick	Medical uses	28-Nov-07
D'Alarcao, Rick	Kenna, Twila	Calibration service*	13-May-08
Knowles, Craig	D'Alarcao, Rick	Medical uses	4-June-08

The following table shows inspections used for training accompaniments.

Trainee	Inspector	License Category	Date
Knowles, Craig	Chakraborty, D.	Portable devices	7-Sept-06
Laramee, Tina	D'Alarcao, Rick	Medical uses	8-Oct-06
Laramee, Tina	D'Alarcao, Rick	Med limited uses	17-Oct-06
Lake, David	Chakraborty, D.	Calib service	23-Oct-06
Lake, David	Kenna, Twila	Medical uses	5-Dec-06
Lake, David	D'Alarcao, Rick	Medical uses	13-Dec-06
Knowles, Craig	D'Alarcao, Rick	Medical uses	20-Dec-06
Laramee, Tina	D'Alarcao, Rick	Portable devices	2-May-07
Lake, David	D'Alarcao, Rick	Portable devices	17-May-07
Lake, David	Kenna, Twila	Portable devices	25-May-07
Knowles, Craig	Kenna, Twila	Portable devices	29-May-07
Laramee, Tina	Kenna, Twila	Mobile scan service	6-June-07
Knowles, Craig	D'Alarcao, Rick	Medical uses	20-June-07
Laramee, Tina	Kenna, Twila	Medical uses	27-June-07
Laramee, Tina	D'Alarcao, Rick	Fixed devices	2-Aug-07

Lake, David	Kenna, Twila	Veterinary uses	15-Aug-07
Lake, David	Kenna, Twila	R & D	1-Nov-07
Lake, David	D'Alarcao, Rick	Medical uses	5-Dec-07
Lake, David	Kenna, Twila	Mobile nuclear med	15-Feb-08
Knowles, Craig	D'Alarcao, Rick	Ind radiography*	10-July-08

* Increased control licensee

Since the time of the last review, several team inspections were conducted in which a new staff member accompanied senior health physics staff for training purposes, during which time they were assigned certain specific tasks under the direct supervision of the senior inspectors. Senior staff is responsible for providing feedback to the inspector-in-training upon the conclusion of the inspection, as well as apprising the program manager of the inspector-in-training's progress. Within two days following inspection, all staff provide a detailed de-briefing to the program manager, to include an overview of the scope of the inspection and a description of the items discussed during the exit meeting with licensee management. The program manager reviews all inspection reports.

- 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?

Equipment is calibrated as needed, and at least annually. All equipment currently in use has been appropriately calibrated. All survey instruments used during licensee inspections are calibrated at least at a frequency required for that specific category of licensee. Complete documentation of instrument calibration is available.

IV. Technical Quality of Licensing Actions

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

At present the RCP regulates 80 specific licenses. There is one specific license pending.

- 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.

Not applicable.

- 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.

None have been issued since the initial implementation.

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

To our knowledge, there were no variances in licensing policies and procedures or substantive exemptions from the regulations granted during this review period.

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

Not applicable.

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.

Not applicable.

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:

<u>Licensee Name</u>	<u>License #</u>	<u>Date of Incident/Report</u>	<u>Type of Incident</u>
----------------------	------------------	--------------------------------	-------------------------

There were no radiological incidents that met regulatory reporting requirements for inclusion in NMED during this review period.

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 noted at this time.

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

None noted at this time.

C. **NON-COMMON PERFORMANCE INDICATORS**

I. Compatibility Requirements

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

The RCP Administrator is currently working on this response and will submit separately.

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

The RCP Administrator is currently working on this response and will submit separately.

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 RCP Administrator is currently working on this response and will submit separately.

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 Administrator is currently working on this response and will submit separately.

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:

<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>
---	---	--------------------------------	------------------------	---------------------------

Not applicable, no new or amended sealed source and device registrations have been issued.

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

Technical Staffing and Training - Questions 2-9
 Technical Quality of Licensing Actions - Questions 18-23
 Technical Quality of Incident and Allegation Activities - Questions 24-26

See attached response to I. Technical Staffing and Training – Item 32 (in addendum). There were no licensing actions or incidents in the SS&D program.

III. Low-Level Radioactive Waste Disposal Program

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

Technical Staffing and Training - Questions 2-9
 Status of Materials Inspection Program - Questions 10-14
 Technical Quality of Inspections - Questions 15-17
 Technical Quality of Licensing Actions - Questions 18-23
 Technical Quality of Incident and Allegation Activities - Questions 24-26

Not applicable.

IV. Uranium Recovery Program

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

Technical Staffing and Training - Questions 2-9

Status of Materials Inspection Program - Questions 10-14

Technical Quality of Inspections - Questions 15-17

Technical Quality of Licensing Actions - Questions 18-23

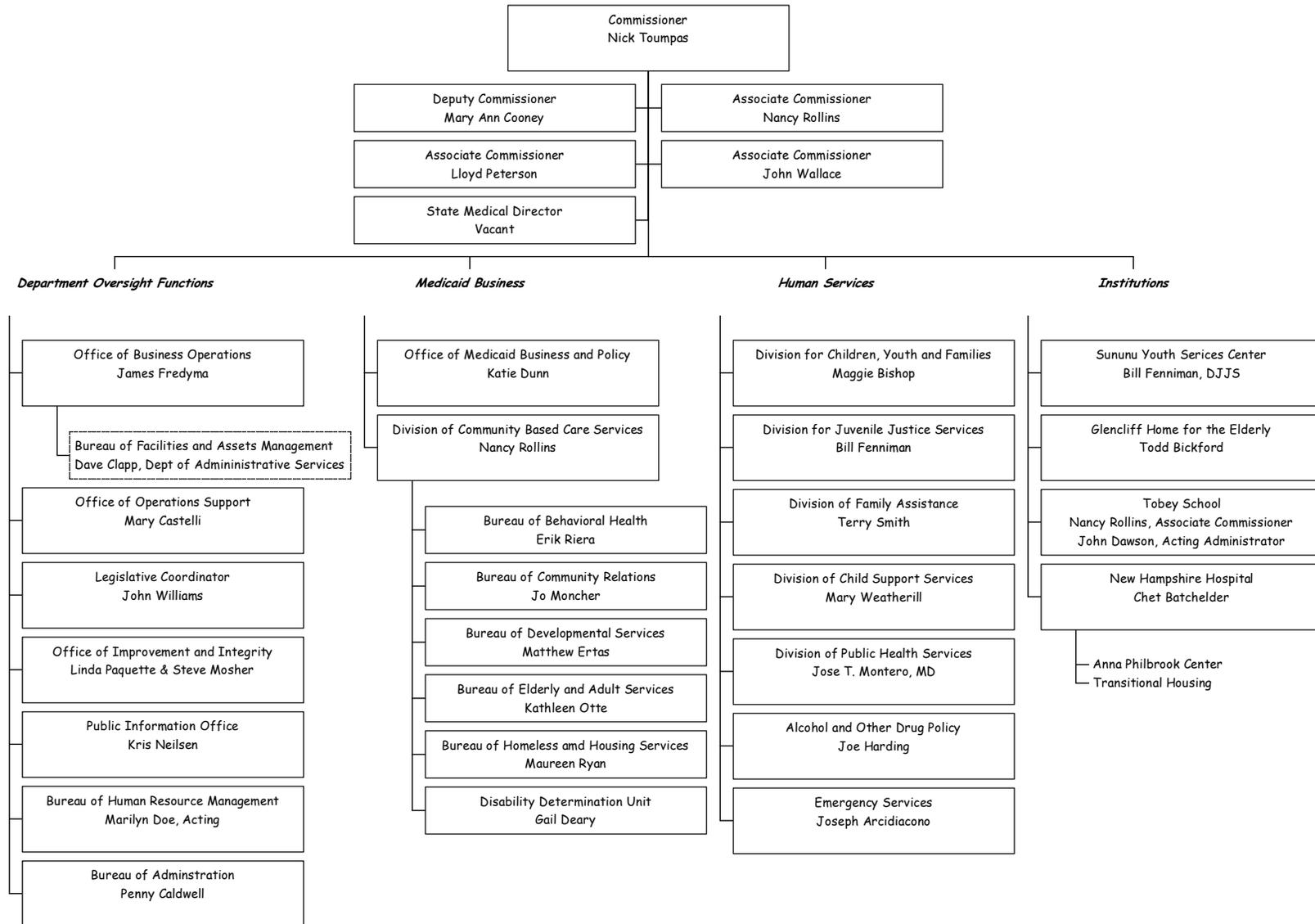
Technical Quality of Incident and Allegation Activities - Questions 24-26

Not applicable.

IMPEP Questionnaire 2008 - ADDENDUM
New Hampshire

I. Technical Staffing and Training Item 2(a)

Below is the current organization chart. The Commissioner of the Department of Health and Human Services reports to the Governor.

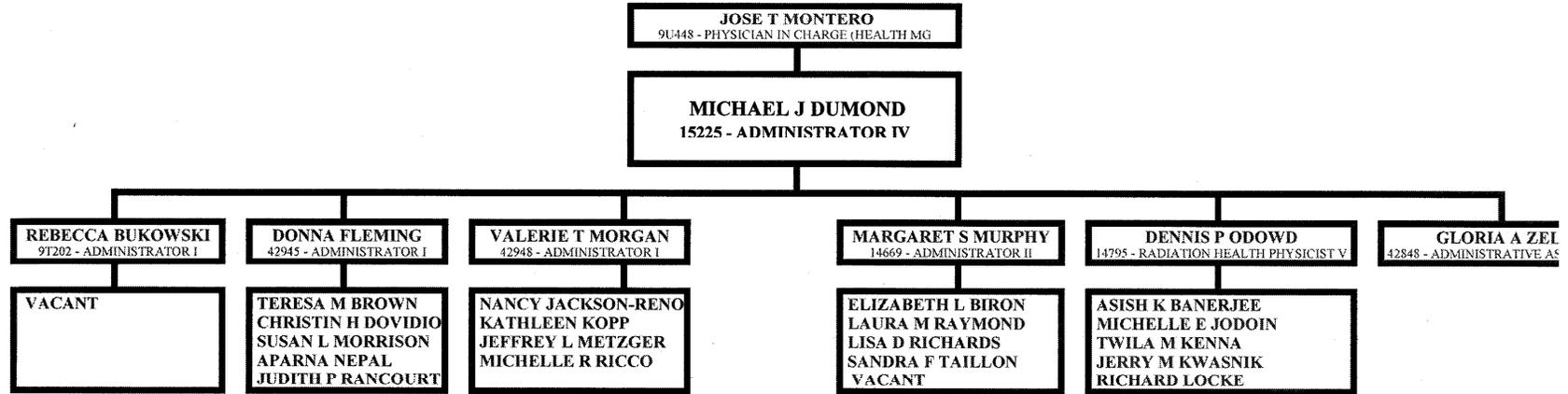


IMPEP Questionnaire 2008 - ADDENDUM
New Hampshire

I. Technical Staffing and Training Item 2(a) (cont'd)

 **Search by Employee**

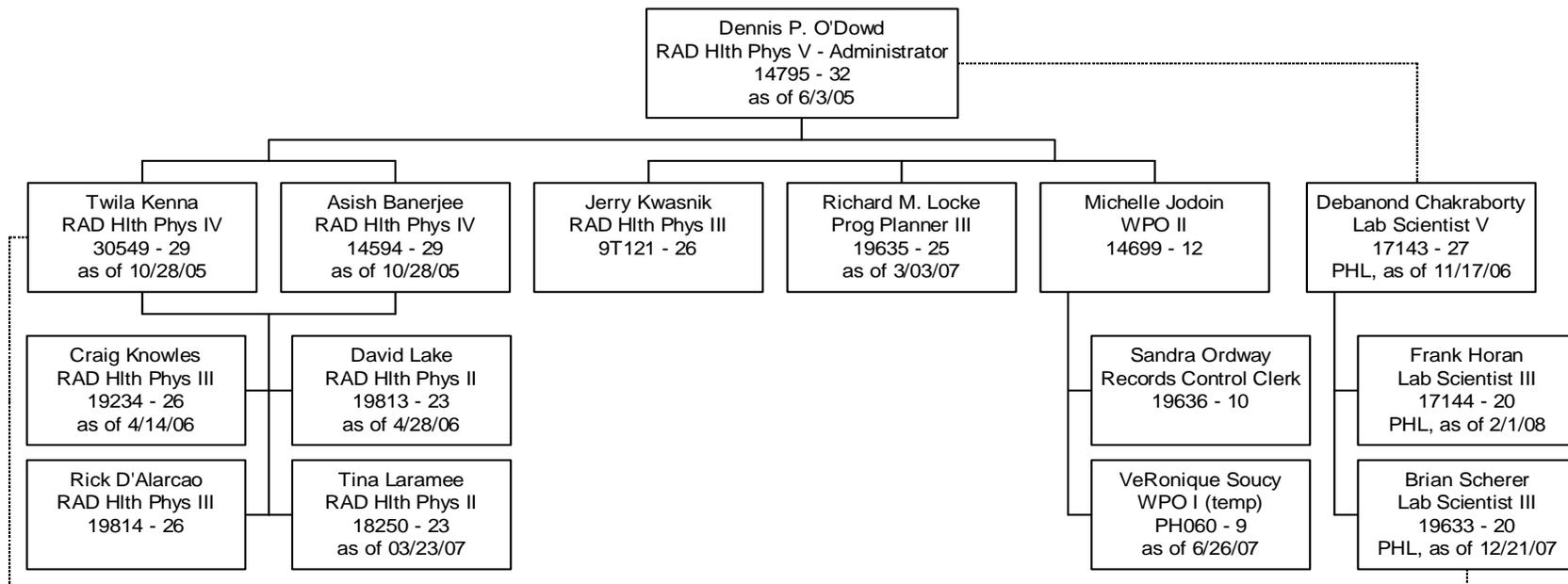
 **Search by Position**



**IMPEP Questionnaire 2008 - ADDENDUM
New Hampshire**

I. Technical Staffing and Training Item 2(b)

**Department of Health and Human Services
Division of Public Health Services
Bureau of Prevention Services
Radiological Health Section
Current - 12/27/07**



IMPEP Questionnaire 2008 - ADDENDUM
New Hampshire

I. Technical Staffing and Training Item 3 (07/25/05 to present)

Name	Position	Radioactive Materials Program (est. FTE%)	Radiation Machines Program (est. FTE%)	Radiological Emergency Response Program (est. FTE%)	Administration/ Section Management/ Supervision (est. FTE%)
<i>O'Dowd, Dennis P.</i>	Administrator/Chief (Health Physicist V)	15	15	15	55
<i>Kenna, Twila, Ph.D.</i>	Manager Radioactive Materials Program (Health Physicist IV)	85	0	15	
<i>Banerjee, Asish</i>	Manager Radiation Machine Program (Health Physicist IV)		85	15	
<i>D'Alarcao, Rick D., Ph.D.</i>	Health Physicist III	42.5	42.5	15	
<i>Knowles, Craig</i>	Health Physicist III	42.5	42.5	15	
<i>Lake David</i>	Health Physicist II	42.5	42.5	15	
<i>Laramée, Tina</i>	Health Physicist II	42.5	42.5	15	
<i>Jeff, Vicki D.</i>	Health Physicist Contractor for the BRH	8			
<i>Iannaccone, Mario</i>	Health Physicist Contractor for the BRH	11			

Comment:

The current total Radioactive Materials Program “full-time professional” FTEs is estimated to be approximately 2.55, not including the Section Administrator’s time purely in management/administrative duties. This is based on the current professional-level staffing of four health physicist positions, with a total average of each of their time equaling 42.5% FTE dedicated to the radioactive materials program, 42.5% of each of their time devoted to radiation machine program activities, and 15% to emergency response activities, and currently, for the Radioactive Materials Program Manager, 85% of time dedicated to Radioactive Materials Program activities. The only other variation to the above estimates has been for training and experience for the new staff members. During those times the total time is not changed, only which staff are assigned to which program to provide concentration in a program.

IMPEP Questionnaire 2008 - ADDENDUM
New Hampshire

In addition to the professional full-time staff, since around the summer of 2002, there were two individuals who had been working under contract with the Department of Health and Human Services to Bureau to assist in specific Bureau functions. One of these individuals, Mario Iannaccone, a former staff member of the Bureau, conducteds radioactive material license inspections on an “as needed/as available” basis; the other contractor, Vicki D. Jeffs, formerly supervisor of the Commonwealth of Kentucky’s Radiation Control Program, conducteds radioactive material license application reviews on behalf of the Bureau. The intent of hiring these individuals under contract was as an interim measure while recruiting for two vacant health physicist positions, which ultimately were filled, one during the summer, and the other, the fall, of 2003. At the current time both contractors are no longer under contract (M.I. as of 06/30/06 and V.J. as of 06/30/07).

As for non-professional staff, the Section is currently fully staffed with the addition of a part time Word Processor Operator 1 on June 26, 2007. All professional and administrative support staff members are involved in radiological emergency response activities, such as drills and exercises involving the Seabrook Nuclear Station and Vermont Yankee Nuclear Power plant, as well as for Portsmouth Naval Shipyard. The professional-level staff is also involved in responding to other radiological incidents, such as those involving naturally occurring radioactive materials or patient medical waste identified in the public domain.

Finally, it should be noted that Radiological Health employees work a 37.5-hour workweek. Therefore, our one (1) FTE is based on an 1800-hour/year).

**IMPEP Questionnaire 2008 - ADDENDUM
New Hampshire**

I. Staffing and Training Item 4.

<i>NAME OF INDIVIDUAL</i>	<i>POSITION</i>	<i>HIRING DATE</i>	<i>DEGREES</i>	<i>ADDITIONAL TRAINING</i>	<i>YEARS OF EXPERIENCE</i>
<i>Knowles, Craig E.</i>	<i>Radiation Health Physicist III</i>	<i>04/01/85</i>	<i>B.S. – 1971 (chemistry);</i>	<i>Applied Health Physics Course (200 hrs ORAU) (1989); NRC Licensing Practices and Procedures Course (G-109) (40-hours) (2007); NRC Inspection Practices Course (G-108) (40-hours) (2007); Safety Aspects of Industrial Radiography (H-305) (40-hours) (2008); Fundamentals of Safety and Gauge Operation for the Use of Nuclear Moisture/Density Equipment, Troxler, (2008); Radioactive Materials Shipper’s Seminar (2008); Laser Safety Aspects (2008;) Radiological Emergency Response Operations(RERO EMI) (1988); Protective Action Guides Workshop (EPA-400) (1995); Incident Command System (IS-195 FEMA) (2005;) National Incident Management System (IS-700 FEMA) (2005;) WMD Awareness Level Training (AWR_a60) (2006); WMD Complexities Incident Response (8 hrs PER-268) (2006); WMD Sampling Techniques and Guidelines (2008)</i>	<i>20+ years in NH Radiation Control Program (with 15+ years working in the Radiological Environmenatal Monitoring Program/Radiochemistry Laboratory, 2 years as health physicist)</i>

**IMPEP Questionnaire 2008 - ADDENDUM
New Hampshire**

I. Staffing and Training Item 4. (cont'd)

<i>NAME OF INDIVIDUAL</i>	<i>POSITION</i>	<i>HIRING DATE</i>	<i>DEGREES</i>	<i>ADDITIONAL TRAINING</i>	<i>YEARS OF EXPERIENCE</i>
<i>Lake, David</i>	<i>Radiation Health Physicist II</i>	<i>1998 and 2002</i>	<i>B.S. - 1974 (Fisheries Biology) University of Massachusetts; A.S. – 1983 (business Data Processing) Quinsigamons Community College</i>	<i>Radiation Safety Officer Course (40 hrs RSCS), (2006); Fundamentals of Safety and Gauge Operation for the Use of Nuclear Moisture/Density Equipment, Troxler, (2008); Hazmat Worker Training (2003); Laser Safety Aspects (hrs) (2008); Monitoring Methods/Measurement of Radon (hrs EPA) (2002); Seabrook Station PWR Systems Course (40 hrs) (2007); Radiological Emergency Response (IS-301) (1998); Incident Command System (16 hrs) (1999); Radiological Emergency Management (IS-3) (1999); Emergency Response to Terrorism (NFA) (1999); Emergency Program Manager (1999); Incident Command System (IS-195 FEMA) (2005); National Incident Management System (IS-700 FEMA) (2005); ODP Technical Assistance Emergency Responder, NBC Awareness (2000); NBC Domestic Preparedness (20 hrs Jacksonville State) (2000); ER to domestic Biological Incidents, Terrorist Education (DOJ & LSU) (2001); Emergency Operations Center (EMI) (2003); WMD Awareness Level Training (AWR_a60) (2006); WMD Complexities Incident Response (8 hrs PER-268) (2006); Hazmat Operator Class (24 hrs) (2008); GPS Course (6 hrs) (2008)</i>	<i>Over nine years in Radiological Health (2 year in Radon, 5 years in Emergency Response , 2½years RHP)</i>

**IMPEP Questionnaire 2008 - ADDENDUM
New Hampshire**

I. Staffing and Training Item 4. (cont'd)

<i>NAME OF INDIVIDUAL</i>	<i>POSITION</i>	<i>HIRING DATE</i>	<i>DEGREES</i>	<i>ADDITIONAL TRAINING</i>	<i>YEARS OF EXPERIENCE</i>
<i>Laramee, Tina.</i>	<i>Radiation Health Physicist II</i>	<i>03/17/06</i>	<i>A.S. – 1986 (Applied Science) B.S. – 2001 (Business);</i>	<i>Applied Health Physics Course (200 hrs ORAU) (2008); Radiation Safety Officer Course (40 hrs RSCS), (2007); Safety Aspects of Industrial Radiography (H-305) (40-hours) (2008); Fundamentals of Safety and Gauge Operation for the Use of Nuclear Moisture/Density Equipment, Troxler, (2008); Radioactive Materials Shipper's Seminar (2008); Incident Command System (IS-195 FEMA) (2005); National Incident Management System (IS-700 FEMA) (2005); WMD Awareness Level Training (AWR_a60) (2006); WMD Complexities Incident Response (8 hrs PER-268) (2006)</i>	<i>Two and a half years in the Radiological Health Section (one year in Radiochemistry Lab, one and a half as RHP); several years previous training and experience as a radiation technician at Dupont/New England Nuclear.</i>

IMPEP Questionnaire 2008 - ADDENDUM
New Hampshire

I. Staffing and Training Item 7

Current Staffing

The Department of Health and Human Services' Radiological Health Section currently consists of ten individuals. They are, in order of seniority, as follows:

- Dennis P. O'Dowd, Health Physicist V, Administrator, Radiological Health Section
- Twila M. Kenna, Ph.D., Health Physicist IV, Manager Radioactive Materials Program
- Michelle Jodoin, Supervisor, Administrative Support Staff
- Asish K. Banerjee, Health Physicist IV, Manager Radiation Machines Program
- Rick D. D'Alarcao, Ph.D., Health Physicist III
- Sandra A. Ordway, Administrative Support Staff
- Craig E. Knowles, Health Physicist III
- David P. Lake, Health Physicist II
- Tina Laramée, Health Physicist II
- VeRonique Soucy, Administrative Support Staff (part-time)

See next page.

IMPEP Questionnaire 2008 - New Hampshire ADDENDUM

I. Staffing and Training Item 7 (cont'd)
Staffing Changes from 2005 through 2008

Employee Name	Position Title	Program Area (listed in order of primary focus area)	Hiring/Start Date	Resignation/Transfer Date
<i>Kenna, Twila M., Ph.D.</i>	Health Physicist III	Radiation machines program inspections; Radioactive materials program inspection and licensing	02/20/98	10/27/05
<i>Kenna, Twila M., Ph.D.</i>	Health Physicist IV	Manager, Radioactive Materials Program	10/28/05	-
<i>Banerjee, Asish K.</i>	Health Physicist III	Radiation machines program inspections; Radioactive materials program inspection and licensing	11/18/02	10/27/05
<i>Banerjee, Asish K.</i>	Health Physicist IV	Manager, Radiation Machines Program	10/28/05	-
<i>Knowles, Craig E.</i>	Supervisor, Radiochemistry Laboratory	Managed radiochemistry laboratory; environmental monitoring program; radio-analysis of incoming radioactive materials samples	(prior to 2001)	04/13/06
<i>Knowles, Craig E.</i>	Health Physicist III	Radiation machines program inspections; Radioactive materials program inspection and licensing	04/14/06	-
<i>Lake, David P.</i>	Principal Planner II	Radiological emergency response planning	04/11/03	04/27/06*
<i>Lake, David P.</i>	Health Physicist II	Radiation machines program inspections; Radioactive materials program inspection and licensing	04/28/06	-
<i>Iannaccone, Mario</i>	Health Physicist Contractor for the BRH	Under contract to conduct radioactive materials program inspection	09/04/02	06/30/06
<i>Chakraborty, Debanond</i>	Health Physicist III	Radiation machines program inspections	08/22/03	11/16/06
<i>Chakraborty, Debanond</i>	Supervisor, Radiochemistry Laboratory	Manages radiochemistry laboratory; environmental monitoring program; radio-analysis of incoming radioactive materials samples	11/17/06	-
<i>Jeffs, Vicki D.</i>	Health Physicist Contractor for the BRH	Under contract to perform radioactive materials program licensing	04/17/02	06/30/07
<i>Soucy, VeRonique</i>	Secretary (pt)	Administrative support/clerical for all BRH	06/26/07	-

IMPEP Questionnaire 2008 - ADDENDUM
New Hampshire

II. SS&D Program. Technical Staffing and Training (07/25/05 to present)

Item 32

Name	Position	Radioactive Materials Program (est. FTE%)	Radiation Machines Program (est. FTE%)	Radiological Emergency Response Program (est. FTE%)	Administration/ Section Management/ Supervision (est. FTE%)
<i>O'Dowd, Dennis P.</i>	Administrator/Chief (Health Physicist V)	15	15	15	55
<i>Kenna, Twila, Ph.D.</i>	Manager Radioactive Materials Program (Health Physicist IV)	85	0	15	
<i>Banerjee, Asish</i>	Manager Radiation Machine Program (Health Physicist IV)		85	15	

Comment: Both Dennis P. O'Dowd, in 1991, and Twila M. Kenna, Ph.D., in 2006, attended the NRC Sealed Sources and Devices Workshop. Asish K. Banerjee received training from the Massachusetts Radiation Control Program SS&D staff in 2005.