

1 **TITLE 20 ENVIRONMENTAL PROTECTION**  
2 **CHAPTER 3 RADIATION PROTECTION**  
3 **PART 20 MEDICAL IMAGING AND RADIATION THERAPY LICENSURE**  
4

5 **20.3.20.1 ISSUING AGENCY:** Environmental Improvement Board.  
6 [20.3.20.1 NMAC - Rp, 20.3.20.1 NMAC, 9/25/2018]  
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8 **20.3.20.2 SCOPE:** All individuals engaged in the practice of medical imaging and radiation therapy.  
9 [20.3.20.2 NMAC - Rp, 20.3.20.2 NMAC, 9/25/2018]  
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11 **20.3.20.3 STATUTORY AUTHORITY:** Medical Imaging and Radiation Therapy Health and Safety Act,  
12 Sections 61-14E-1 to 61-14E-12 NMSA 1978, Section 74-1-8 NMSA 1978, and the Uniform Licensing Act,  
13 Sections 61-1-1 to 61-1-34 NMSA 1978.  
14 [20.3.20.3 NMAC - Rp, 20.3.30.3 NMAC, 9/25/2018]  
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16 **20.3.20.4 DURATION:** Permanent.  
17 [20.3.20.4 NMAC - Rp, 20.3.20.4 NMAC, 9/25/2018]  
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19 **20.3.20.5 EFFECTIVE DATE:** September 25, 2018, unless a later date is cited at the end of a section.  
20 [20.3.20.5 NMAC - Rp, 20.3.20.5 NMAC, 9/25/2018]  
21

22 **20.3.20.6 OBJECTIVE:** To maximize the protection practicable for the citizens of New Mexico from  
23 ionizing and non-ionizing radiation in the practice of medical imaging and radiation therapy by establishing  
24 requirements for appropriate education and training of individuals operating medical equipment emitting ionizing  
25 and non-ionizing radiation, establishing standards of education and training for the individuals who perform medical  
26 imaging and radiation therapy procedures, and providing for the appropriate examination and licensure of those  
27 individuals.  
28 [20.3.20.6 NMAC - Rp 20.3.20.6 NMAC, 9/25/2018]  
29

30 **20.3.20.7 DEFINITIONS:** As used in this part (20.3.20 NMAC).

31 **A. "Act"** means the Medical Imaging and Radiation Therapy Health and Safety Act, Sections 61-  
32 14E-1 to 61-14E-12 NMSA 1978.

33 **B. "Advisory council"** means the medical imaging and radiation therapy advisory council  
34 (MIRTAC).

35 **C. "Applying ionizing radiation"** means to use ionizing radiation for diagnostic or therapeutic  
36 purposes, including tasks having direct impact on the radiation burden of the patient, such as, but not limited to:

- 37 (1) positioning the patient, image receptor, and beam;  
38 (2) selection of exposure factors or treatment parameters;  
39 (3) preparation, calibration, and injection of pharmaceuticals and radiopharmaceuticals in  
40 accordance with a licensee's scope of practice; and  
41 (4) actuating the production of radiation.

42 **D. "Approved program"** means a medical imaging or radiation therapy educational program that  
43 meets the requirements of 20.3.20.200 NMAC.

44 **E. "Biennial licensure fee"** means the licensure fee for an initial, renewal, and limited radiography  
45 license, excluding the temporary license, for a period up to 24 months, and is only applied once per continuing  
46 medical education biennium period regardless of the number of licenses granted to that registrant. This fee will be  
47 assessed each time a registrant submits an application packet to the department. Upon written request to the  
48 department, the registrant may reduce their NM biennium period to match their national continuing medical  
49 education biennium period.

50 **F. "Board"** means the environmental improvement board.

51 **G. "Cardiac sonography"** or "echocardiography" means an examination using ultrasound to  
52 generate an image of the heart or major blood vessels.

53 **H. "Category A"** means a continuing education activity approved for category A credit by an  
54 organization recognized by the American registry of radiologic technologists as a recognized continuing education  
55 evaluation mechanism.

1           **I. “Certificate of licensure”** means a document issued by the department that lists the type or types  
2 of license granted to an individual.

3           **J. “Certificate of limited practice”** or "limited practice of radiography license" means a limited  
4 license granted by the department to an individual other than a licensed practitioner or radiographer who performs  
5 restricted diagnostic radiography procedures under the direct supervision of a licensed practitioner or radiographer  
6 on designated anatomical sites or limited anatomical areas.

7           **K. “Certified nurse practitioner”** means a person licensed pursuant to Section 61-3-23.2 NMSA  
8 1978.

9           **L. “Chest and thorax”** or "viscera of the thorax" means radiographic examinations of the ribs and  
10 lungs, including anteroposterior, posterior-anterior, lateral, and apical lordotic views, but does not include  
11 mammography.

12           **M. “Clinical instruction”** means hands-on educational experience in a health care setting such as a  
13 hospital, clinic, or physician’s office, under the supervision requirements consistent with the standards of the  
14 program’s accrediting agencies.

15           **N. “Continuing education”** (CE) or “continuing medical education” (CME) means a learning  
16 activity that is planned, organized, and administered to enhance the professional knowledge and skill of the licensee.

17           **O. “Credential”** or “certification” means the recognition awarded to an individual who meets the  
18 initial and ongoing requirements of a credentialing or certification organization.

19           **P. “Credentialing organization”** or “certification organization” means an organization accredited  
20 by the national commission for certifying agencies or the American national standards institute and recognized by  
21 the board that issues credentials through testing or evaluation and determines that an individual has met defined  
22 standards for training and competence in a medical imaging or radiation therapy modality and subspecialty.

23           **Q. “Department”** means the New Mexico environment department.

24           **R. “Diagnostic medical sonographer”** means a person, including a vascular technologist or  
25 echocardiographer, other than a licensed practitioner, who provides patient care services using ultrasound;

26           **S. “Diagnostic medical sonography”** or “sonogram” means the use of ultrasound and sonographic  
27 equipment to create medical images for interpretation by a licensed practitioner or other qualified health care  
28 practitioner that provide diagnostic information about a patient’s medical condition and includes obstetrical  
29 ultrasound. Obstetrical ultrasound means an ultrasound exam performed for the purpose of fetal biometry beyond  
30 the first trimester, fetal number, anatomic survey, or follow-up examination for a known or suspected anomaly or  
31 growth disturbance. It does not mean a procedure using ultrasound on a focused imaging target to assess specific  
32 and limited information about a patient’s immediate medical condition or to provide real-time visual guidance for  
33 another procedure.

34           **T. “Didactic instruction”** means academic instruction.

35           **U. “Duplicate certificate of licensure”** means an additional original certificate of licensure issued by  
36 the department.

37           **V. “Extremities”** means the fingers, hand, wrist, radius/ulna, elbow, humerus, pectoral girdle  
38 (shoulder joint and clavicle), toes, foot, ankle, calcaneus, tibia/fibula, patella, knee, or distal femur, but does not  
39 include the skull, spine, hip, or pelvis.

40           **W. “Facility”** means a hospital, clinic, medical office, mobile lab, or other location where medical  
41 imaging or radiation therapy is provided.

42           **X. “Focused imaging target”** means a discrete anatomical target, to which ultrasound is applied to  
43 create an image for assessment of specific and limited information about a patient’s immediate medical condition, or  
44 to provide visual guidance for another procedure. An ultrasound procedure on a focused imaging target does not  
45 supplant a diagnostic ultrasound examination.

46           **Y. “General sonography”** means an examination using ultrasound to create an image of the  
47 abdomen, chest, pelvis, pregnant uterus, small parts, or superficial structures.

48           **Z. “Interventional”** means to diagnose or treat patients using medical imaging devices.  
49 Interventional procedures may include, but are not limited to: radiation therapy, organ biopsy, angiography,  
50 angioplasty, and catheter delivered stents. Interventional does not mean needle or catheter placement for vascular  
51 access or delivery of medicine or anesthesia, or the use of non-ionizing energy for non-imaging therapeutic or  
52 treatment purposes.

53           **AA. “Ionizing radiation”** means gamma rays and x-rays, alpha and beta particles, high speed  
54 electrons, neutrons, protons, and other nuclear particles; but not ultrasound, sound, or radio waves, nor visible,  
55 infrared or ultraviolet light.

- 1           **AB.**    “**License**” means a grant of authority issued by the department for an individual to perform  
2 medical imaging or radiation therapy procedures.
- 3           **AC.**    “**License term**” means a length of licensure as indicated on the certificate of licensure issued by  
4 the department.
- 5           **AD.**    “**Licensed practitioner**” means an individual licensed to practice medicine, dentistry, podiatry,  
6 chiropractic or osteopathy in this state.
- 7           **AE.**    “**Licensee**” means an individual who has met and continues to meet all requirements of the act  
8 and this part.
- 9           **AF.**    “**Licensure**” means the grant of authority by the department for an individual to perform medical  
10 imaging or radiation therapy procedures.
- 11          **AG.**    “**Limited practice radiography technologist**” means an individual who has been granted a  
12 limited practice in radiography license by the department to perform restricted diagnostic radiography procedures  
13 under the direct supervision of a licensed practitioner or radiographer.
- 14          **AH.**    “**Lower leg**” means the knee and ankle and portions of the leg between the knee and ankle.
- 15          **AI.**    “**Magnetic resonance imaging**” means an examination using magnetic fields and radio frequency  
16 signals to generate an image.
- 17          **AJ.**    “**Magnetic resonance technologist**” means an individual other than a licensed practitioner who  
18 performs magnetic resonance imaging procedures under the supervision of a licensed practitioner using magnetic  
19 fields and radio frequency signals.
- 20          **AK.**    “**Medical imaging**” means the use of substances or equipment emitting ionizing or non-ionizing  
21 radiation on humans for diagnostic or interventional purposes.
- 22          **AL.**    “**Medical imaging professional**” means an individual who has been granted a license by the  
23 department pursuant to the act in at least one medical imaging modality.
- 24          **AM.**    “**Modality**” means the following medical imaging procedures or technologies:  
25                **(1)**    computed tomography and all of its subspecialties;  
26                ~~(1)2~~    diagnostic medical sonography and all of its subspecialties;  
27                ~~(2)3~~    magnetic resonance imaging and all of its subspecialties;  
28                ~~(3)4~~    nuclear medicine technology and all of its subspecialties;  
29                ~~(4)5~~    radiation therapy and all of its subspecialties; and  
30                ~~(5)6~~    radiography and all of its subspecialties.
- 31          **AN.**    “**Musculoskeletal sonography**” or “musculoskeletal ultrasound” means an examination using  
32 ultrasound to generate an image of a superficial muscle, tendon, ligament, or joint.
- 33          **AO.**    “**Non-ionizing radiation**” means the static and time-varying electric and magnetic fields and  
34 radio frequency, including microwave radiation and ultrasound.
- 35          **AP.**    “**Nuclear medicine technologist**” means an individual, other than a licensed practitioner, who  
36 performs nuclear medicine procedures, venipuncture, and compounds, calibrates, dispenses, and administers  
37 pharmaceuticals, radiopharmaceuticals, and radionuclides under the supervision of a licensed practitioner.
- 38          **AQ.**    “**Personal identification**” means an applicant’s or licensee’s full legal name, permanent and  
39 mailing address, social security number, date of birth, home phone number, cellular telephone number, work  
40 telephone number, electronic mail address, department registration number, and other related information.
- 41          **AR.**    “**Phlebology**” means ultrasound examination of superficial veins in the lower extremities for the  
42 identification and treatment of venous disease.
- 43          **AS.**    “**Physician assistant**” means a person licensed and operating within their scope of practice  
44 pursuant to Section 61-6-7 or 61-10A-4 NMSA 1978.
- 45          **AT.**    “**Place of employment**” means a location with its own physical address or separated by building  
46 structure regardless of ownership, company, nonprofit organization, or business name.
- 47          **AU.**    “**Podiatric**” means radiographic examination of the toes, foot, ankle, calcaneus, distal tibia/fibula,  
48 but does not include the knee joint.
- 49          **AV.**    “**Programmatic accreditation**” means a specialized accreditation process that examines the  
50 medical imaging or radiation therapy program within an educational institution.
- 51          **AW.**    “**Radiation therapy**” means the use of high-energy particles or waves to destroy or damage cells.
- 52          **AX.**    “**Radiation therapy technologist**” or “radiation therapist” means an individual, other than a  
53 licensed practitioner, who utilizes ionizing radiation for the planning and delivery of therapeutic procedures to  
54 humans under the supervision of a licensed practitioner.
- 55          **AY.**    “**Radiographer**” means an individual, other than a licensed practitioner, who applies radiation to  
56 humans for diagnostic purposes under the supervision of a licensed practitioner.

1           **AZ. “Radiography”** means the application of radiation to humans for diagnostic purposes, including  
2 adjustment or manipulation of x-ray systems and accessories, including image receptors, positioning of patients,  
3 processing of films and any other action that materially affects the radiation dose to patients.

4           **BA. “Radiologic technologist”** or “radiation therapy technologist” means a medical imaging or  
5 radiation therapy professional licensed by the department in one or more of the imaging modalities.

6           **BB. “Radiologist”** means a licensed practitioner certified by the American board of radiology, the  
7 British royal college of radiology, the American osteopathic board of radiology or the American chiropractic board  
8 of radiology.

9           **BC. “Radiologist assistant”** means an individual licensed as a radiographer who holds additional  
10 certification as a registered radiologist assistant by the American registry of radiologic technologists and who works  
11 under the supervision of a radiologist; provided that a radiologist assistant shall not interpret images, render  
12 diagnoses or prescribe medications or therapies.

13           **BD. “Recognized continuing education evaluation mechanism (RCEEM)”** means a recognition  
14 mechanism of the ARRT for evaluating the content, quality, and integrity of a continuing education activity.

15           **BE. “Registration number”** means a number that is generated by the department to be used as a  
16 unique identification number in place of that individual’s social security number. This number will remain the same  
17 number throughout the individual’s lifetime.

18           **BF. “Remedial education”** or “remedial training” means additional education or training required for  
19 an individual to re-qualify to take a state-administered examination for the limited practice of radiography.

20           **BG. “Scope of practice”** means nationally recognized practice standards as applicable to each medical  
21 imaging modality and subspecialty, unless this part is superseded by the act.

22           **BH. “Small parts”** means superficial structures or anatomy including, but not limited to: axilla, chest  
23 or abdominal wall, penis, scrotum or testicles, thyroid, parathyroid, and other non-vascular structures of the neck or  
24 extremities.

25           **BI. “Sonographer”** or “**echocardiographer**” or “vascular technologist” means an individual other  
26 than a licensed practitioner who applies ultrasound to humans for diagnostic and interventional purposes under the  
27 supervision of a licensed practitioner.

28           **BJ. “Sonography”** or “**ultrasound**” means the use of high frequency sound waves (above 20,000  
29 cycles per second) with specialized equipment to direct the sound waves into an area of the human body to generate  
30 an image.

31           **BK. “Sonography subspecialty”** means an area of specialization recognized by the board, including:

- 32           (1) abdominal sonography;
- 33           (2) breast sonography;
- 34           (3) cardiac sonography;
- 35           (4) musculoskeletal sonography;
- 36           (5) obstetric/gynecology sonography;
- 37           (6) phlebology sonography; and
- 38           (7) vascular sonography.

39           **BL. “Student”** means an individual enrolled in and attending a school or college of medicine,  
40 osteopathy, chiropractic, podiatry, dentistry, dental hygiene, an approved program in medical imaging or radiation  
41 therapy, or an approved limited radiography program.

42           **BM. “Subspecialty”** means an area of specialization approved by the board within a medical imaging  
43 or radiation therapy modality.

44           **BN. “Supervision”** means responsibility for and control of quality, radiation safety, and protection and  
45 technical aspects of the application of ionizing and non-ionizing radiation to human beings for diagnostic or  
46 therapeutic purposes.

47           (1)       **“direct supervision”** means the medical imaging or radiation therapy procedure is  
48 provided under the direction and control of a person authorized to provide supervision and the person’s physical  
49 presence must be present in the office suite or building and immediately available to furnish assistance and direction  
50 throughout the performance of the procedure. It does not mean that the supervisor must be present in the room when  
51 the procedure is performed.

52           (2)       **“indirect supervision”** or “general supervision” means the medical imaging or radiation  
53 therapy procedure is provided under the direction and control of a person authorized to provide supervision, but the  
54 person’s presence is not required during the performance of the procedure. The training of the non-physician  
55 personnel and the maintenance of the necessary equipment and supplies are the continuing responsibility of the  
56 person authorized to provide supervision.

1 (3) student supervision requirements must be consistent with the medical imaging and  
2 radiation therapy standards of the programmatic accreditation agencies.

3 **BO. “Temporary license”** means a grant of authority by the department for an individual to perform  
4 medical imaging or radiation therapy procedures pursuant to the term and requirements of section 20.3.20.321  
5 NMAC.

6 **BP. “Vascular sonography”** means an examination using ultrasound to generate an image of the  
7 peripheral or neck blood vessels.

8 **BQ. “Viscera of the thorax”** means radiographic examination of the lungs and mediastinum.  
9 [20.3.20.7 NMAC - Rp, 20.3.20.7 NMAC, 9/25/2018; A, XX/XX/2022]

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11 **20.3.20.8 ABBREVIATIONS AND ACRONYMS:**

- 12 **A.** “ANSI” stands for American national standards institute.  
13 **B.** “ARDMS” stands for the American registry for diagnostic medical sonography.  
14 **C.** “ARMRIT” stands for American registry of magnetic resonance imaging technologists.  
15 **D.** “ARRT” stands for the American registry of radiologic technologists.  
16 **E.** “BS” stands for breast sonography.  
17 **F.** “CAAHEP” stands for the commission on accreditation of allied health education programs.  
18 **G.** “CCI” stands for the cardiovascular credentialing international.  
19 **H.** “CHEA” stands for the council of higher education accreditation.  
20 **I.** “CNMT” stands for certified nuclear medicine technologist.  
21 **J.** “CS” stands for cardiac sonography.  
22 **K.** “CT” stands for computed tomography.  
23 **L.** “DMS” stands for diagnostic medical sonography.  
24 **M.** “FUS” stands for fusion imaging.  
25 **N.** “JRCDS” stands for the joint review committee on diagnostic medical sonography.  
26 **O.** “JRCERT” stands for the joint review committee on education in radiologic technology.  
27 **P.** “JRCNMT” stands for the joint review committee on educational program in nuclear medicine  
28 technology.  
29 **Q.** “LXE” stands for limited practice radiography to the extremities.  
30 **R.** “LXP” stands for limited practice radiography to the podiatric.  
31 **S.** “LXT” stands for limited practice radiography to the viscera of the thorax.  
32 **T.** “LXV” stands for limited practice radiography to the axial/appendicular skeleton.  
33 **U.** “MR” stands for magnetic resonance.  
34 **V.** “MRT” stands for magnetic resonance technologist.  
35 **W.** “MSK” stands for diagnostic musculoskeletal technologist.  
36 **X.** “NCCA” stands for national commission for certifying agencies.  
37 **Y.** “NMT” stands for nuclear medicine technologist.  
38 **Z.** “NMTCB” stands for the nuclear medicine technologist certification board.  
39 **AA.** “N” stands for nuclear medicine technology.  
40 **AB.** “PBS” stands for phlebology sonography.  
41 **AC.** “PET” stands for positron emission tomography.  
42 **AD.** “PVL” stands for provisional license.  
43 **AE.** “RCCS” stands for registered congenital cardiac sonographer.  
44 **AF.** “RCS” stands for registered cardiac sonographer.  
45 **AG.** “RDCS” stands for registered diagnostic cardiac sonographer.  
46 **AH.** “RDMS” stands for registered diagnostic medical sonographer.  
47 **AI.** “RMRIT” stands for magnetic resonance imaging technologist.  
48 **AJ.** “RMSK” stands for registered in musculoskeletal sonography.  
49 **AK.** “RPhS” stands for registered phlebology sonographer.  
50 **AL.** “R” stands for radiography.  
51 **AM.** “RRT” stands for radiographic radiologic technologist.  
52 **AN.** “RRA” stands for registered radiology assistant.  
53 **AO.** “R.T.” stands for registered technologist.  
54 **AP.** “RTT” stands for radiation therapy technologist.  
55 **AQ.** “RVS” stands for registered vascular specialist.  
56 **AR.** “RVT” stands for registered vascular technologist.

- 1 AS. "S" stands for sonography.
- 2 AT. "TMP" stands for temporary.
- 3 AU. "T" stands for radiation therapy.
- 4 AV. "USDE" stands for United States department of education.
- 5 AW. "VS" stands for vascular sonography.

6 [20.3.20.8 NMAC - Rp, 20.3.20.8 NMAC, 9/25/2018]

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8 **20.3.20.9 ADMINISTRATION AND ENFORCEMENT:** The administration and enforcement of the act  
9 and this part (20.3.20 NMAC) is vested in the department.

10 [20.3.20.9 NMAC - N, 9/25/2018]

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12 **20.3.20.10 - 20.3.20.99 [RESERVED]**

13  
14 **20.3.20.100 LICENSE REQUIRED:**

15 **A. Unlawful acts.** It is unlawful for an individual, other than an individual licensed by the  
16 department, or who is exempt under the provisions of the act, to:

17 (1) use ionizing or non-ionizing radiation for diagnostic, interventional, or therapeutic  
18 purposes on humans;

19 (2) use any title, abbreviation, letters, figures, signs, or other devices to indicate the  
20 individual is a medical imaging or radiation therapy professional; or

21 (3) engage in any of the medical imaging or radiation therapy modalities or subspecialties.

22 **B. Statutory exceptions.** Pursuant to the act, a medical imaging license is not required for:

23 (1) a licensed practitioner;

24 (2) a student under the supervision of a licensed practitioner or under the direct supervision  
25 of a licensed medical imaging or radiation therapy professional licensed in the modality and subspecialty in which  
26 the student is performing the procedure;

27 (3) a health care practitioner licensed or certified by an independent board as defined by the  
28 act that has been approved by the board as provided in Subsection C of this section; or

29 (4) a registered nurse or certified nurse-midwife performing ultrasound procedures; provided  
30 that the registered nurse or certified nurse-midwife has documented demonstration of competency within the  
31 registered nurse's scope of practice in compliance with board of nursing rules or certified nurse-midwife's scope of  
32 practice in compliance with department of health rules. A registered nurse or certified nurse-midwife shall not  
33 perform diagnostic ultrasound examinations or ionizing procedures, including radiography, radiation therapy,  
34 nuclear medicine or a non-ionizing magnetic resonance procedure, unless licensed by the department as medical  
35 imaging professional or radiation therapist professional. A registered nurse or a certified nurse-midwife may  
36 perform ultrasound procedures limited to a focused imaging target. A focused imaging target includes, but is not  
37 limited to:

38 (a) identification of an anatomical landmark or blood vessel;

39 (b) assessment of presence or absence of fluid in a body cavity;

40 (c) assessment of fetal presentation or heartbeat; or

41 (d) assessment of foreign body position or location.

42 **C.** An independent board or state regulatory body may submit an application for approval of their  
43 medical imaging certification and examination program to the MIRTAC for review.

44 (1) The MIRTAC shall consider whether the medical imaging and certification examination  
45 program adequately ensures the appropriate education, training, and clinical experience while ensuring patient health  
46 and safety and shall make a written recommendation to the board.

47 (2) The board may approve or deny an application based on whether or not it finds adequate  
48 evidence that the certification and examination program ensures appropriate education, training, and clinical  
49 experience while ensuring health and patient safety.

50 (3) The independent board or state regulatory body shall reapply to the board for re-approval  
51 if substantive changes to the certification and examination program are made subsequent to the board's approval.

52 **D. Temporary exemption.** The department may temporarily exempt applicants from licensure  
53 requirements upon determining that:

54 (1) the experience or training of the applicant is such that no apparent danger to the public  
55 exists;

1 (2) the people in the area of the state to be served by the applicant would otherwise be denied  
2 adequate medical care because of the unavailability of a medical imaging or radiation therapy professional; and  
3 (3) each application for temporary exemption shall be supported by:  
4 (i) an application for temporary exemption;  
5 (ii) an application fee; and  
6 (iii) written evidence to support the applicant's compliance with Paragraph[s] (1) and  
7 (2) of this subsection.

8 **E. Temporary exemption term.** A temporary exemption approved by the board shall be for a  
9 limited period of time, not to exceed one year. A temporary exemption may be renewed if the circumstances have  
10 not changed and if deemed warranted by the department.

11 **F. Temporary exemption application denial.** The board, with the advice of the MIRTAC, shall  
12 resolve appeals of a denial of an application for temporary exemption pursuant to 20.3.20.600 NMAC. When  
13 making a determination of existence of community hardship, the board will:

14 (1) consult health agencies;  
15 (2) evaluate availability of alternative medical imaging or radiation therapy services and  
16 licensed medical imaging or radiation therapy professionals; and  
17 (3) evaluate documentation from the applicant's employer or prospective employer to  
18 demonstrate that recruitment of qualified individuals, at competitive compensation, has been attempted and was  
19 unsuccessful. Such demonstration may take the form of:  
20 (a) documented advertising in publications pertaining to medical imaging  
21 professionals;  
22 (b) registration of the position with the New Mexico department of workforce  
23 solutions or similar state agency; or  
24 (c) documentation of current and past contracting with medical imaging or radiation  
25 therapy job placement companies.  
26 [20.3.20.100 NMAC - N, 9/25/2018]  
27

## 28 **20.3.20.101 SCOPE OF PRACTICE:**

### 29 A. General provisions.

30 (1) A licensee's scope of practice is determined based upon the licensee's education,  
31 certification, and state and federal law.  
32 (2) The following are the different scopes of practice for a licensee that will be recognized by  
33 the department:  
34 (a) Radiography - the current version of the American society of radiologic  
35 technologists radiography practice standards;  
36 (b) Radiation therapy - the current version of the American society of radiologic  
37 technologists radiation therapy practice standards;  
38 (c) Nuclear medicine technology - the current version of the American society of  
39 radiologic technologists nuclear medicine practice standards or society of nuclear medicine and molecular imaging  
40 scope of practice for nuclear medicine technologist;  
41 (d) Magnetic resonance technology - the current version of the American society of  
42 radiologic technologists magnetic resonance practice standards;  
43 (e) Radiologist assistant - the current version of the American society of radiologic  
44 technologists radiologist assistant practice standards;  
45 (f) Sonography - the current version of the American society of radiologic  
46 technologists sonography practice standards or the society of diagnostic medical sonography scope of practice and  
47 clinical standards for the diagnostic medical sonographer; [ø]  
48 (g) Limited practice of radiography license or certificate of limited practice - the  
49 current version of the American society of radiologic technologists limited x-ray machine operator practice  
50 standards[-] ; or

1 (h) Computed Tomography-the current version of the American society of  
2 radiologic technologists computer tomography practice standards and the Society of Nuclear Medicine and  
3 Molecular Imaging.

4 **B. Radiologist assistant.** A radiologist assistant shall practice under the indirect supervision of a  
5 radiologist and shall not interpret images, render diagnoses, or prescribe medications or therapies.  
6 [20.3.20.101 NMAC - N, 9/25/2018; A, XX/XX/2022]

7  
8 **20.3.20.102 - 20.3.20.199 [RESERVED]**

9  
10 **20.3.20.200 APPROVED EDUCATIONAL PROGRAMS:**

11 **A. Approved program for a medical imaging or radiation therapy license:** An approved program  
12 for medical imaging or radiation therapy includes:

13 (1) an educational program in a medical imaging or radiation therapy modality that is  
14 programmatically accredited by an accreditation agency recognized by the USDE or the CHEA and also recognized  
15 by the board pursuant to 20.3.20.220 NMAC; or

16 (2) an educational program in a medical imaging or radiation therapy modality that is in the  
17 process of preparing for programmatic accreditation by an accreditation agency recognized by the USDE or CHEA  
18 and also recognized by the board pursuant to 20.3.20.220 NMAC. This programmatic accreditation by an  
19 accreditation agency must be attained within five years of the effective date of this section or within five years of the  
20 establishment of a new educational program.

21 **B. Approved program for a limited practice in radiography license:** A limited radiography  
22 program shall be reviewed by the MIRTAC and approved by the board before enrolling students into the educational  
23 program. Prior to approval of the educational program, the MIRTAC will consider if the program includes the  
24 necessary didactic and clinical education to prepare students for the state examination for a limited practice in  
25 radiography license prior to submitting its recommendations to the board. Before enrolling students or offering  
26 courses, including clinical instruction, a limited radiography program shall submit an application to the department  
27 with supporting documentation to show compliance with this section and alignment with national educational  
28 accreditation standards. No fee is required for the application and, if all requirements are met, the department shall  
29 issue a letter to the educational program confirming compliance with this section.

30 [20.3.20.200 NMAC - N, 9/25/2018]

31  
32 **20.3.20.201 - 20.3.20.219 [RESERVED]**

33  
34 **20.3.20.220 RECOGNIZED PROGRAMMATIC ACCREDITATION ORGANIZATIONS:**

35 **A. Programmatic accreditation.** To be recognized by the board, an educational program  
36 accreditation agency must:

37 (1) be recognized by the USDE or CHEA; and

38 (2) provide programmatic accreditation for the medical imaging or radiation therapy  
39 modality offered by the educational program.

40 **B. Recognized programmatic accreditation organizations.** Medical imaging or radiation therapy  
41 programmatic accreditation agencies recognized by the board include:

42 (1) CAAHEP;

43 (2) JRCERT; and

44 (3) JRCNMT.

45 [20.3.20.220 NMAC - N, 9/25/2018]

46  
47 **20.3.20.221 - 20.3.20.299 [RESERVED]**

48  
49 **20.3.20.300 RECOGNIZED CREDENTIALING ORGANIZATIONS:** The board recognizes the following  
50 medical imaging and radiation therapy credentialing organizations in each modality defined by the act including:

51 A. computed tomography: ARRT.

52 ~~A]~~ B. diagnostic medical sonography:

53 (1) ARDMS;

54 (2) ARRT; or

55 (3) CCI.



- 1           **[B] C.** magnetic resonance imaging:
- 2                   (1)     ARMRIT; or
- 3                   (2)     ARRT.
- 4           **[C] D.** nuclear medicine:
- 5                   (1)     ARRT; or
- 6                   (2)     NMTCB.
- 7           **[D] E.** radiation therapy: ARRT.
- 8           **[E] F.** radiography: ARRT.
- 9    [20.3.20.300 NMAC - N, 9/25/2018; A, XX/XX/2022]

10  
 11 **20.3.20.301     RECOGNIZED CREDENTIALS AND CERTIFICATIONS:** The board recognizes the  
 12 following medical imaging and radiation therapy credentials and certifications for each type of license issued by the  
 13 department:

- 14           **A.** fusion imaging- restricted to PET/CT medical imaging procedures only:
- 15                   (1)     (CNMT)(NMTCB) and (CT)(NMTCB);
- 16                   (2)     R.T. (ARRT)(N) and (ARRT)(CT);
- 17                   (3)     R.T. (ARRT)(N) and (NMTCB)(CT); or
- 18                   (4)     R.T. (ARRT)(R) and (NMTCB)(PET).
- 19           **B.** cardiac sonography:
- 20                   (1)     (CCI)(RCS);
- 21                   (2)     (CCI)(RCCS); or
- 22                   (3)     (ARDMS)(RDCS).
- 23           **C.** computed tomography: R.T. (ARRT)(CT)
- 24           **[C] D.** general sonography:
- 25                   (1)     RDMS (ARDMS)(AB);
- 26                   (2)     RDMS (ARDMS)(BR);
- 27                   (3)     RDMS (ARDMS)(OB);
- 28                   (4)     R.T. (ARRT)(S); or
- 29                   (5)     R.T. (ARRT)(BS).
- 30           **[D] E.** limited radiography: none.
- 31           **[E] F.** magnetic resonance imaging:
- 32                   (1)     (ARMRIT)(RMRT); or
- 33                   (2)     R.T. (ARRT)(MR).
- 34           **[F] G.** musculoskeletal sonography: (ARDMS)(RMSK).
- 35           **[G] H.** nuclear medicine:
- 36                   (1)     certified nuclear medicine technologist (NMTCB); or
- 37                   (2)     nuclear medicine technology R.T. (ARRT)(N).
- 38           **[H] I.** phlebology sonography: RPhS (CCI).
- 39           **[I] J.** radiation therapy: R.T. (ARRT)(T).
- 40           **[J] K.** radiography: R.T. (ARRT)(R).
- 41           **[K] L.** radiology assistant: (ARRT)(RRA).
- 42           **[L] M.** vascular sonography:
- 43                   (1)     R.T. (ARRT)(VS);
- 44                   (2)     RVS (CCI); or
- 45                   (3)     RVT(ARDMS).

46    [20.3.20.301 NMAC - N, 9/25/2018; A, XX/XX/2022]

47  
 48 **20.3.20.302 - 20.3.20.309 [RESERVED]**

49  
 50 **20.3.20.310     LIMITED PRACTICE OF RADIOGRAPHY LICENSE:**

51           **A.     Limited practice in radiography.** An individual seeking a license for the limited practice of  
 52 radiography shall submit an application and applicable fee to the department, successfully complete an approved  
 53 limited radiography program pursuant to Subsection B of 20.3.20.200 NMAC, and take and pass the state  
 54 examination pursuant to Subsections D and E below. Individuals that are enrolled in an approved limited practice  
 55 radiography program shall perform their required clinical radiography procedures under the direct supervision of a  
 56 licensed physician or licensed radiographer. A licensee with a limited practice of radiography license shall perform

1 restricted diagnostic radiography under direct supervision of a licensed practitioner limited to the following specific  
2 procedures:

- 3 (1) the viscera of the thorax;
- 4 (2) extremities;
- 5 (3) radiation to humans for diagnostic purposes in the practice of dentistry;
- 6 (4) axial/appendicular skeleton; or
- 7 (5) the foot, ankle, or lower leg.

8 **B. Restrictions.** A licensee with a limited practice of radiography license may not:

- 9 (1) perform procedures outside the areas of specialization authorized by or under the  
10 individual's license; or
- 11 (2) perform procedures outside their scope of practice including, but not limited to  
12 procedures involving the use of contrast media, fluoroscopic equipment, mammography, computed tomography,  
13 mobile or bedside radiography, diagnostic medical sonography, magnetic resonance imaging, nuclear medicine, or  
14 radiation therapy.

15 **C. Emergency provision.** A person having a valid limited practice of radiography license may  
16 perform diagnostic radiography procedures outside the normal scope of a limited practice of radiography license if  
17 the person is employed in an area having a federal designation as a medically underserved area and the person with  
18 the limited practice of radiography license is confronted with an emergency situation, where, by order of a licensed  
19 practitioner, a certified nurse practitioner or a registered physician assistant, the additional diagnostic radiography  
20 procedure is deemed medically necessary for the immediate safety or health of the patient.

21 **D. Administration of state examinations.** The department will not offer state examinations for  
22 medical imaging and radiation therapy professionals except for a limited practice of radiography licensee pursuant to  
23 Subsection E of this section. The department may administer and grade the limited practice of radiography  
24 examinations, though at its option, the department may contract for such preparation, administration, and grading  
25 services.

26 **E. State examination for limited practice of radiography.** An individual seeking a license for the  
27 limited practice of radiography must pass a state examination for limited practice of radiography. To apply for the  
28 state examination, the individual must:

- 29 (1) submit an examination application with supporting documentation to the department that  
30 the individual has:
  - 31 (a) completed school through the 12th grade or has passed a high school  
32 equivalency examination; and
  - 33 (b) successfully completed an approved limited radiography program in one or more  
34 of the body areas of specialization.
- 35 (2) submit the required examination fee to the department; and
- 36 (3) successfully complete a written or computerized examination administered by the  
37 department with a minimum score of seventy-five percent on both the core section and in each attempted body area  
38 section of the examination. At its option, the department may contract for such preparation, administration, and  
39 grading services for the limited practice of radiography examinations.

40 **F. Failure of state examination for limited practice of radiography:**

- 41 (1) If an applicant fails to achieve seventy-five percent on either the core section or a body  
42 area specialization section of the examination, it will be considered an examination failure and the applicant must  
43 retake the failed section or sections.
- 44 (2) The applicant must re-apply and pay the examination fee for each examination attempt.
- 45 (3) All sections of the examination taken on the same day are considered one examination  
46 attempt.
- 47 (4) An individual who attempts and fails the state-administered examination three times will  
48 be required to demonstrate to the department the successful completion of remedial education or training following  
49 the third attempt that is consistent with the ARRT standards before being eligible to retake the failed section or  
50 sections again.

51 [20.3.20.310 NMAC - N, 9/25/2018]

52  
53 **20.3.20.311 - 20.3.20.319 [RESERVED]**

54  
55 **20.3.20.320 LICENSES:**

1           **A.     Licensure Requirements.** An applicant for a medical imaging or radiation therapy license shall  
2 submit the required application to the department; the applicable application fee located in 20.3.20.501 NMAC, and  
3 shall be currently certified and registered by a medical imaging or radiation therapy credentialing organization  
4 recognized by the board. ~~[An applicant for the medical imaging and radiation therapy licenses specified in the~~  
5 ~~following shall have until June 30, 2019 to meet the requirements of this section:~~

- 6                   ~~(1)     20.3.20.320 NMAC;~~
- 7                   ~~(2)     Paragraph A of 20.3.20.100 NMAC; and~~
- 8                   ~~(3)     Subparagraphs (1), (2), (8), (10), (11), (16) and (17) of Paragraph F of 20.3.20.320~~

9 NMAC.]

10           **B.     Registration number.** The department shall assign a department registration number to each  
11 licensee regardless of the number of modalities and subspecialties licensed. The department registration number  
12 shall be listed on each certificate of licensure issued by the department.

13           **C.     Term for licenses issued prior to the 15<sup>th</sup> of the month.** The license term for ~~[all]~~ licenses  
14 issued prior to the 15<sup>th</sup> of the month ~~[-, except a temporary license,]~~ will:

- 15                   (1)     be for 24 months;
- 16                   (2)     begin on the date the license is issued; and
- 17                   (3)     end on the last day of the month the license was issued.

18           **D.     Term for licenses issued after the 15<sup>th</sup> of the month.** The license term for ~~[all]~~ licenses issued  
19 after the 15<sup>th</sup> of the month ~~[-, except a temporary license,]~~ will:

- 20                   (1)     be for 24 months;
- 21                   (2)     begin on the date the license is issued; and
- 22                   (3)     end on the last day of the month following the month the license was issued.

23           **E.     Request for coordination of license and credential expiration dates.** At the written request of  
24 the licensee, the expiration date of their license or licenses may be reduced to match their current credentialing  
25 organization's expiration date. Such reduction in term shall not reduce the applicant or licensee's license fee.

26           **F.     Types of license.** Upon demonstration of compliance with all applicable requirements of the act  
27 and this part, the department may grant one or more of the following types of licenses to be recognized by the  
28 department:

- 29                   (1)     (DMS) which includes sonography subspecialties of RDMS (ARDMS)(AB)(BR)(OB)
- 30 and R.T. (ARRT)(S)(BS);
- 31                   (2)     (MSK);
- 32                   (3)     (FUS);
- 33                   (4)     (LXV);
- 34                   (5)     (LXE);
- 35                   (6)     (LXP);
- 36                   (7)     (LXT);
- 37                   (8)     (MRT);
- 38                   (9)     (NMT);
- 39                   (10)    (PBS);
- 40                   (11)    (PVL);
- 41                   (12)    (RTT);
- 42                   (13)    (RRT);
- 43                   (14)    (RRA);
- 44                   (15)    (TMP);
- 45                   (16)    (VS), which includes sonography subspecialties of (ARDMS)(RVT) and R.T. ARRT

46 (VS); ~~[and]~~

- 47                   (17)    (CS) which includes RDCS (ARDMS), RCS (CCI), and RCCS (CCI)~~[-]; and~~

- 48                   ~~(18)    (CT).~~

49           **G.     Certificate of licensure.** Each certificate of licensure issued by the department shall identify all  
50 current licenses granted to the licensee.

51 [20.3.20.320 NMAC - N, 9/25/2018; A, XX/XX/2022]

52  
53 **20.3.20.321     TEMPORARY LICENSES:**

54           **A.     Temporary license.** The purpose of a temporary license is to allow an individual who has  
55 completed an approved program pursuant to 20.3.20.200 NMAC to practice medical imaging or radiation therapy  
56 prior to sitting for their national examination with one of the medical imaging and radiation therapy credentialing

1 organizations outlined in 20.3.20.300 NMAC. The department may grant a temporary license to practice medical  
2 imaging or radiation therapy to an individual who:

3 (1) provides documentation to the department that the individual has completed an approved  
4 program pursuant to 20.3.20.200 NMAC;

5 (2) submits an application for a temporary license to the department within one year of the  
6 individual's program completion date from an approved program;

7 (3) submits the applicable fees for a temporary license pursuant to Paragraph G of  
8 20.3.20.501 NMAC to the department within one year of the program completion date from an approved program;

9 (4) provides the name and contact information of each employer where medical imaging or  
10 radiation therapy is performed by the individual; and

11 (5) meets all other applicable licensure requirements of the act and this part.

12 **B. Notification.** The individual will be required to notify the department of any changes to his or her  
13 employment by providing the department with the contact information for each new employer where medical  
14 imaging or radiation therapy is performed by the individual within thirty days after the change occurs.

15 **C. Examination and notice.**

16 (1) The department will recognize the credentialing organization's determination of what is  
17 considered a pass or fail for an individual's examination score.

18 (2) The individual shall notify the department of the date the individual plans to take the  
19 examination at least 30 days prior to the examination date.

20 (3) If the credentialing organization determines that an individual has failed his or her  
21 examination, the individual's active temporary license issued by the department will expire 90 days after the  
22 examination date. The individual will be required to notify the department of a failed examination within 30 days of  
23 receiving his or her examination results.

24 **D. Temporary license term.** A temporary license:

25 (1) expires on the last day of the 12<sup>th</sup> month from the date of issuance or upon the applicant's  
26 failure to pass the examination as outlined in Subsection B of this section; and

27 (2) may be granted only once and cannot be renewed or extended; however, a duplicate  
28 temporary certificate of licensure may be issued by the department for display at another place of employment upon  
29 submission of a duplicate certificate of licensure application and fee.

30 [20.3.20.321 NMAC - N, 9/25/2018]

31  
32 **20.3.20.322 PROVISIONAL LICENSES:**

33 **A. Provisional license.** The department may grant a provisional license to practice medical imaging  
34 to an individual who:

35 ~~(1)~~ [is currently licensed by the department;]

36 ~~(2)~~ (1) submits an application to the department; and

37 ~~(3)~~ (2) follows training pathways established by one of the following recognized national  
38 certification organizations:

39 (a) ARRT;

40 (b) ARDMS;

41 (c) ARMRT;

42 (d) CCI; or

43 (e) NMTCB.

44 **B. License Term.** A provisional license:

45 (1) expires two years from the date of issuance; ~~and~~

46 (2) may be renewed one time~~[-]~~; ~~and~~

47 (3) the one-time renewal must occur before the license term expires in order to ensure the  
48 individual's provisional license remains active for that provisional license's second and last license term.

49 **C. Term for licenses issued prior to the 15<sup>th</sup> of the month.** The license term for ~~all~~ licenses  
50 issued prior to the 15<sup>th</sup> of the month~~[-except a temporary license,-]~~ will:

51 (1) be for 24 months;

52 (2) begin on the date the license is issued; and

53 (3) end on the last day of the month the license was issued.

54 **D. Term for licenses issued after the 15<sup>th</sup> of the month.** The license term for ~~all~~ licenses issued  
55 after the 15<sup>th</sup> of the month ~~[-except a temporary license,-]~~ will:

56 (1) be for 24 months;

- (2) begin on the date the license is issued; and
- (3) end on the last day of the month following the month the license was issued.

**E. Applicability to licensee enrolled in an approved program.** This section does not apply to a licensee who is currently enrolled in an approved program leading to qualification for another modality and subspecialty license.

**F.** A provisional license to practice medical imaging or radiation therapy utilizing ionizing radiation will not be issued to individuals who are not already licensed by the department in one of the modalities that utilizes ionizing radiation.

[20.3.20.322 NMAC - N, 9/25/2018; A, XX/XX/2022]

### **20.3.20.323 - 20.3.20.329 [RESERVED]**

### **20.3.20.330 CONTINUING EDUCATION:**

#### **A. Continuing education.**

(1) During the license term, a limited practice of radiography licensee must complete 24 hours or credits of category A or A+ continuing education approved by a RCEEM recognized by the ARRT. Documentation of completion of the required continuing education must be submitted to the department with each renewal application.

(2) During the license term, a medical imaging, a radiation therapy, or a radiologist assistant licensee, other than a limited practice of radiography licensee, must comply with all continuing education, continuing competency, and registration requirements of the credentialing organization for which they hold a credential or certification. The department may require a licensee to certify meeting the credentialing organization's requirements. Failure to meet the credentialing organization's requirements may be grounds for suspension or revocation of a license. This does not apply to individuals with an active temporary license or with an active provisional license that has been issued by the department.

(3) The department may require a licensee to submit documentation from the credentialing organization if online verification is not available at the time the licensee's renewal request is being reviewed.

**B. Audit.** The department may audit a licensee's continuing education and continuing compliance with requirements of the act and this part. A licensee must submit the audit information requested by the department within 30 days of receipt of the notification of audit. No application or fees are required when submitting information requested by the department for an audit.

[20.3.20.330 NMAC - Rp, 20.3.20.500 NMAC, 9/25/2018; A, XX/XX/2022]

### **20.3.20.331 - 20.3.20.339 [RESERVED]**

### **20.3.20.340 DUTIES OF LICENSEE:**

#### **A. Continuing to comply with requirements.** A licensee must:

(1) continue to comply with all licensure requirements of the act and this part throughout the license term;

(2) maintain credential or certification and registration in their licensed imaging modality and subspecialty, if applicable, throughout the licensure period or notify the department in writing within 30 days that a credential or certification is no longer being maintained;

(3) notify the department in writing within 30 days of any pending or final actions by a credentialing organization, state agency, or federal agency against the licensee; and

(4) notify the department in writing within 30 days of lapse, probation, suspension, or revocation of any professional license.

**B. Expired, suspended, or revoked license.** An individual whose license has expired, or has been suspended or revoked by the department, shall not perform medical imaging or radiation therapy procedures.

**C. Duty to cooperate with department.** An applicant or licensee has a duty to cooperate with the department during an investigation or inspection authorized under the act, this part, or other state or federal law.

**D. Reporting violations.** A licensee has a duty to report a violation of the act, this part, or other state or federal law to the department or other appropriate agency.

#### **E. Supervision of students or licensees.**

1 (1) A limited practice of radiography licensee shall only provide supervision of a limited  
2 practice of radiography student or licensee.

3 (2) A medical imaging or radiation therapy licensee may provide supervision to a medical  
4 imaging or radiation therapy student or licensee in the same modality and specialization as the licensee. A  
5 radiographer may provide supervision to a limited practice of radiography student or licensee.  
6 [20.3.20.340 NMAC - N, 9/25/2018]  
7

8 **20.3.20.341 CERTIFICATE OF LICENSURE:**

9 **A. Display of certificate of licensure.** Original certificates of licensure shall be publicly displayed  
10 by the licensee at each place of employment.

11 **B. Photocopying or reproduction prohibited.** Photocopying or other reproduction of a certificate  
12 of licensure is prohibited.

13 **C. Duplicate certificate of licensure or replacement of certificate of licensure.** To obtain a  
14 duplicate certificate of licensure or replacement of certificate of licensure, the licensee must submit a duplicate  
15 certificate of licensure or replacement certificate of licensure application and required fee to the department.

16 **D. Legal Name Change.** To obtain a replacement certificate of licensure due to a legal name  
17 change, the licensee must submit documentation of the legal name change, a name change application, and required  
18 fee to the department.

19 [20.3.20.341 NMAC - N, 9/25/2018]  
20

21 **20.3.20.342 - 20.3.20.399 [RESERVED]**  
22

23 **20.3.20.400 RENEWAL, REINSTATEMENT, AND REAPPLICATION:**

24 **A. License renewal and reinstatement.** A licensee is solely responsible for ensuring they maintain  
25 a current license. Failure to receive notification by the department prior to the expiration date of the license is not an  
26 excuse for failure to file a timely renewal application.

27 (1) Prior to the expiration date listed on the licensee's current certificate of licensure, a  
28 licensee must submit the biennial licensure fee and completed renewal application, including any requested  
29 supporting documents to the department.

30 (2) The department will not process an incomplete renewal application.

31 (3) The department will process completed applications in the order received.

32 (4) The department shall not renew a license until it is satisfied the license renewal applicant  
33 meets all requirements of the act and this part.

34 (5) All required items must be received by the department prior to the expiration date on the  
35 licensee's current certificate of licensure or else the renewal application shall be considered incomplete. The  
36 licensee's failure to submit a complete license renewal application will result in a reinstatement fee. An earlier  
37 postmark date shall not excuse the reinstatement fee.

38 (a) If a reinstatement fee is assessed and all other requirements for renewal are met,  
39 the department will issue an invoice to the licensee that will accompany the renewed certificate of licensure.

40 (b) If an applicant or licensee fails to pay the reinstatement fee within 30 days of the  
41 invoice date, the department may take action to suspend the license until the department has received the  
42 reinstatement fee.

43 **B. Reapplication.** Reapplication is required if a license has been expired for more than one year.  
44 An applicant for reapplication must meet all of the requirements contained in 20.3.20.320 NMAC.  
45 [20.3.20.400 NMAC - Rp, 20.3.20.501 NMAC, 9/25/2018]  
46

47 **20.3.20.401 - 20.3.20.499 [RESERVED]**  
48

49 **20.3.20.500 DEPARTMENT FORMS, CONFIDENTIALITY, AND RELEASE OF PERSONAL  
50 IDENTIFICATION:**

51 **A. Department forms required.**

52 (1) An individual seeking licensure or any other services listed in this part shall submit a  
53 completed application form and applicable fee to the department.

54 (2) The department shall create and make available all necessary application forms.

1                   **(3)**       The department's forms may request such personal identification as is required to  
2 perform the department's duties under the act and this part including, but not limited to: name, mailing address,  
3 telephone numbers, email address, certifications, licenses, date of birth, and social security number.

4                   **(4)**       No application shall be complete unless it is on the form prescribed by the department  
5 and includes, in legible format:

6                   **(a)**       all required personal identification;

7                   **(b)**       copies of all supporting documents specified on the form;

8                   **(c)**       full payment of required fees by a method specified on the form; and

9                   **(d)**       date and signature of the applicant.

10                  **B.       Confidentiality of personal identification.** Personal identification collected by the department  
11 shall not be disclosed except:

12                  **(1)**       in the performance of the department's duties under the act or this part;

13                  **(2)**       as provided in this part or as required by state or federal law; or

14                  **(3)**       in response to a valid subpoena or court order.

15                  **C.       Release of licensee personal identification.** Unless otherwise provided by law, the department  
16 shall only release a licensee's name, mailing address, department registration number, and verification of license and  
17 subspecialty. The department may release information related to an application denial or license revocation or  
18 suspension to a credentialing organization. In accordance with federal law, the department shall release any  
19 required information related to revocation or suspension of a licensee to the national practitioner data bank.  
20 [20.3.20.500 NMAC - N, 9/25/2018]

21  
22 **20.3.20.501 FEES:**

23                  **A.       Application fee.** In addition to any other fees, an application fee of \$10.00 must be submitted  
24 with each type of application available from the department, unless otherwise provided in this part.

25                  **B.       Initial license fee.** An initial license fee of \$100.00 must be submitted with each initial license  
26 application, regardless of the number of modality and subspecialty licenses requested on the same application.

27                  **C.       Examination fee.** An examination fee of \$150.00 must be submitted with each examination  
28 application as required in 20.3.20.310 NMAC.

29                  **D.       Biennial licensure fee.** A biennial fee of \$100.00 may be submitted to the department prior to the  
30 expiration date of the individual's current license issued by the department. The department will renew an  
31 individual's license upon submittal of the fee and the license will be valid for 24 months after the expiration date of  
32 their current license issued by the department.

33                  **E.       License reinstatement fee.** In addition to any other required fees, a license reinstatement fee of  
34 \$25.00 must be submitted with a license reinstatement application or if a licensee fails to submit a complete renewal  
35 application before the expiration of a license.

36                  **F.       Duplicate certificate of licensure or replacement of certificate of licensure fee.** A fee of \$5.00  
37 will be required for each duplicate certificate of licensure or replacement of certificate of licensure requested in the  
38 application and a fee of \$5.00 for each additional duplicate certificate of license or replacement of certificate of  
39 licensure ordered from all other application forms that provide the option to request additional original duplicate  
40 certificates of licensure or replacement of certificate of licensure.

41                  **G.       Temporary license fee.** A temporary license fee of \$50.00 must be submitted with each  
42 temporary license application.

43                  **H.       Provisional license fee.** A provisional license fee of \$25.00 must be submitted with a provisional  
44 license application.

45                  **I.       License verification fee.** A license verification fee of \$10.00 for each verification must be  
46 submitted with each license verification form.

47                  **J.       Legal name change fee.** A legal name change fee of \$15.00 must be submitted with each legal  
48 name change application.

49                  **K.       Refunds.** Fees submitted to the department are non-refundable and non-transferrable. However,  
50 if the department determines that fees have been received in excess of the amount legally due, the department will  
51 refund the excess amount portion of the received fee upon receipt of a written request from the individual who paid  
52 the excess fee amount, or that individual's legal representative.

53                  **L.       Nonsufficient funds fee.** If the department is unable to process the fees submitted by the  
54 applicant, then the name of that licensee will be removed from the list of all New Mexico active radiologic  
55 technologists, which appears on the New Mexico environment department's radiation control bureau website, and

1 the department will assess a \$25.00 nonsufficient fund fee. That licensee must submit payment to the department in  
2 the form of a cashiers' check or money order.  
3 [20.3.20.501 NMAC - Rp, 20.3.20.600 NMAC, 9/25/2018]

4  
5 **20.3.20.502 - 20.3.20.599 [RESERVED]**

6  
7 **20.3.20.600 DENIAL, REVOCATION, OR SUSPENSION OF LICENSE:**

8 **A. Denial of application.** The department may not issue a license to an applicant who has failed to  
9 meet the requirements of the act or this part.

10 **B. Suspension, revocation, application of uniform licensing act.** The board, with advice from the  
11 advisory council, may deny, revoke, or suspend a license granted or applied for under the act and this part, pursuant  
12 to the procedures established in the Uniform Licensing Act Section 61-1-1 through 61-1-34 NMSA 1978, upon  
13 grounds that the medical imaging or radiation therapy licensee or applicant:

- 14 (1) is guilty of fraud or deceit in procuring or attempting to procure any type of license or  
15 service from the department;  
16 (2) has been convicted of a felony subsequent to licensure;  
17 (3) is unfit or incompetent;  
18 (4) is habitually intemperate or is addicted to the use of habit-forming drugs;  
19 (5) is mentally incompetent;  
20 (6) has aided and abetted an individual who is not a licensee in engaging in the activities of a  
21 licensee;  
22 (7) has failed to maintain a credential or certification in the modality and subspecialty for  
23 which a license was granted;  
24 (8) has engaged in any practice beyond the licensee's scope of practice in violation of state  
25 or federal law or facility policy;  
26 (9) is guilty of unprofessional conduct or unethical conduct as defined in Subsection C of this  
27 section;  
28 (10) has interpreted a diagnostic imaging exam for a patient, a patient's family, or the public;  
29 (11) has willfully or repeatedly violated any provisions of the act or this part;  
30 (12) has failed to notify the department in writing within 30 days of any final disciplinary  
31 action by a licensing board or credentialing organization, including but not limited to sanction, probation,  
32 suspension, or revocation; or  
33 (13) is not in compliance with the terms of the New Mexico Parental Responsibility Act,  
34 Section 40-5A-1 to 40-5A-13 NMSA 1978; in taking action under this provision, the board shall follow the  
35 procedures in 20.1.7 NMAC named "Parental Responsibility Act Compliance."

36 **C. Unprofessional or unethical conduct.** With respect to the grounds for denial, revocation, or  
37 suspension under Section 61-14E-11 NMSA 1978, the terms "unprofessional conduct" or "unethical conduct" shall  
38 refer to, but shall not be limited to any licensee, applicant, medical imaging professional, or radiation therapist who:

- 39 (1) is engaged in the practice of medical imaging or radiation therapy while in an intoxicated  
40 condition or under the influence of a narcotic or other drug that impairs consciousness, judgment, or behavior;  
41 (2) is engaged in unethical conduct while practicing medical imaging or radiation therapy;  
42 (3) has engaged in the willful falsification of records, or destruction or theft of property or  
43 records relating to the practice of medical imaging or radiation therapy;  
44 (4) fails to exercise due regard for the safety of life or health of the patient;  
45 (5) has unauthorized access to or disclosure of information relating to a patient's records;  
46 (6) discriminates against any individual because of race, religion, creed, color, national  
47 origin, sex, or sex while practicing medical imaging or radiation therapy;  
48 (7) has been convicted of a felony subsequent to licensure by the department;  
49 (8) impersonates a current or former licensee or engages in the activities of medical imaging  
50 or radiation therapy under an assumed name;  
51 (9) is applying ionizing or non-ionizing radiation to a human being without a specific  
52 prescription or direction of a licensed practitioner or other health care practitioner authorized to order a medical  
53 imaging or radiation therapy;  
54 (10) is incompetent or negligent in activities related to medical imaging, radiation therapy, or  
55 limited practice of radiography;



1 (11) is continuing to practice without obtaining a license or renewal as required by the act or  
2 this part;

3 (12) is using the prefix “Dr.”, unless entitled to do so pursuant to a degree granted, the word  
4 “doctor”, or any suffix or affix to indicate or imply that the individual is a licensed practitioner when not so licensed;

5 (13) is providing false, misleading, or deceptive information on any application or supporting  
6 documents submitted to the department;

7 (14) is failing to conform to nationally recognized practice standards as applicable to each  
8 modality or subspecialty;

9 (15) fails to disclose in writing to the department any felony conviction or non-compliance  
10 with the New Mexico Parental Responsibility Act, Section 40-5A-1 to 40-5A-13 NMSA 1978, within 30 days of the  
11 conviction or judgment; or

12 (16) fails to disclose in writing to the department any sanction, probation, suspension, or  
13 revocation by a state agency or credentialing organization within 30 days of such occurrence.

14 **D. Opportunity for licensee or applicant to have a hearing.** Any licensee or applicant whose  
15 license or license application is denied, revoked, or suspended under this part shall be afforded notice and an  
16 opportunity to be heard pursuant to the procedures established in the Uniform Licensing Act, Sections 61-1-1 to -34  
17 NMSA 1978, the Medical Imaging and Radiation Therapy Health and Safety Act, Section 61-14E-11 NMSA 1978,  
18 and the adjudicatory procedures for the environmental improvement board in 20.1.2 NMAC.

19 **E. Application of uniform licensing act.** The department shall comply with the provisions of the  
20 Uniform Licensing Act, Section 61-1-1 to 61-1-34 NMSA 1978, and any rules or regulations promulgated  
21 thereunder.

22 [20.3.20.600 NMAC - Rp, 20.3.20.400 NMAC, 9/25/2018]

23  
24 **20.3.20.601 - 20.3.20.699 [RESERVED]**

25  
26 **20.3.20.700 SEVERABILITY:** If any provision or application of this part is held invalid, the remainder, or  
27 its application to other situations or persons, shall not be affected.

28 [20.3.20.700 NMAC - Rp, 20.3.20.700 NMAC, 9/25/2018]

29  
30 **20.3.20.701 AMENDMENT AND SUPERSESION OF PRIOR REGULATIONS:** This part shall be  
31 construed as amending and superseding the regulations on the practice of medical imaging or radiation therapy,  
32 EIB/MRHSA 1, filed January 11, 1988, as amended. All references to the regulations on the practice of medical  
33 imaging or radiation therapy in any other rule shall be construed as a reference to this part.

34 [20.3.20.701 NMAC - Rp, 20.3.20.701 NMAC, 9/25/2018]

35  
36 **20.3.20.702 SAVING CLAUSE:** Supersession of the regulations on the practice of medical imaging or  
37 radiation therapy shall not affect any administrative or judicial enforcement action pending on the effective date of  
38 this part nor the validity of any license granted or certificate of licensure issued pursuant to the regulations on the  
39 practice of medical imaging or radiation therapy.

40 [20.3.20.702 NMAC - Rp, 20.3.20.702 NMAC, 9/25/2018]

41  
42 **20.3.20.703 CONSTRUCTION:** This part shall be liberally construed to effectuate the purpose of the act.

43 [20.3.20.703 NMAC - Rp, 20.3.20.703 NMAC, 9/25/2018]

44  
45 **20.3.20.704 COMPLIANCE WITH OTHER REGULATIONS:** Compliance with this part does not relieve  
46 an individual from the obligation to comply with other applicable state and federal regulations.

47 [20.3.20.704 NMAC - Rp, 20.3.20.704 NMAC, 9/25/2018]

48  
49 **HISTORY OF 20.3.20 NMAC:**

50 **Pre-NMAC History:** The material in this part was derived from that previously filed with the commission of  
51 public records - state records center and archives. EIB/MRHSA 1, Regulations on the Practice of Radiologic  
52 Technology, 11/11/1988.

53  
54 **History of repealed material:** 20 NMAC 3.2, Radiologic Technology Certification, (filed 12/15/1995), repealed  
55 8/31/2005.

1 20.3.20 NMAC, Radiologic Technology Certification, effective 8/31/2005, repealed 9/25/2018.

2

3

**Other History:**

4 EIB/MRHS 1, Regulations on the Practice of Radiologic Technology (filed 11/11/1988) was renumbered,  
5 reformatted and amended as 20 NMAC 3.2, Radiologic Technology Certification, effective 1/14/1996.

6 20 NMAC 3.2, Radiologic Technology Certification, (filed 12/15/1995) was replaced by 20.3.20, Radiologic  
7 Technology Certification, effective 8/31/2005.

8 20.3.20 NMAC Radiologic Technology Certification, effective 8/31/2005, was replaced by 20.3.20, Medical  
9 Imaging and Radiation Therapy Licensure, effective 9/25/2018

## **DIRECT TESTIMONY OF STEPHEN SANCHEZ**

### **I. INTRODUCTION**

This technical testimony is submitted by Stephen Sanchez, Program Administrator of the Medical Imaging and Radiation Therapy Program (“Program”) of the Radiation Control Bureau (“Bureau”) within the New Mexico Environment Department (“Department”). The hearing is to be held via internet (Zoom) and via telephone beginning at 9:00 a.m. on March 25, 2022 before the Environmental Improvement Board (“Board”).

The purpose of this testimony is to describe the proposed amendments to 20.3.20 NMAC and to provide justification for the proposed amendments. The Bureau proposes several amendments to 20.3.20 NMAC, the most notable amendment being the addition of a Computed Tomography (“CT”) license. This guarantees that practitioners who administer CT procedures in the state must undergo certain certification standards and training, and have a basic level of education, knowledge, and skill. Other amendments include clarifying the requirements and scope of practice for the Provisional License, which is a license for individuals who are on a pathway to becoming registered and certified in the diagnostic imaging modality they are pursuing. The Bureau would also like to take this opportunity to clarify existing requirements and fix minor and typographical errors.

### **II. BACKGROUND AND EXPERIENCE**

I, Stephen Sanchez, have been employed by the Department for 23 years and 2 months. I currently hold the position of Program Administrator for the Medical Imaging and Radiation Therapy Program for the past 22 years. In this position, I am solely responsible for the administration of a state-wide licensure program for all medical imaging and radiation therapy professionals who practice diagnostic medical imaging and radiation therapy, who are employed

in New Mexico, currently there are over 2,900 medical imaging and radiation therapy professionals that are licensed by the Department.

### **III. PUBLIC OUTREACH**

On October 26, 2021, the Department filed a petition with the Board for a public hearing in this matter. On November 19, 2021 at a meeting conducted in compliance with the Open Meetings Act and other applicable requirements, the Board granted the Department's request for a hearing and scheduled the hearing at the Board's regularly scheduled meeting on March 25, 2022.

The Department prepared the "New Mexico Environmental Improvement Board Notice of Public Hearing to Consider Proposed Amendments to 20.3.20 NMAC of the Radiation Protection Regulations EIB 21-56" in both English and Spanish ("Public Notice") (**NMED Exhibit 6**). The Public Notice stated that the Board may make a decision on the proposed regulations at the conclusion of the hearing or may convene at a later date to consider action on the proposal. The Public Notice complies with the requirements of 20.1.1.301(B) NMAC.

The Public Notice was published in English and Spanish in the Albuquerque Journal on December 26, 2021 and the New Mexico Register on December 28, 2021, as required by 20.1.1.301(A) NMAC (**NMED Exhibits 7-10**).

Public notice requirements in compliance with NMSA 1978, Section 14-4-5.2 (2017), as incorporated into the Board's rulemaking regulations in 20.1.1.301(A) NMAC and 20.1.1.7(N) NMAC, were met. The Department posted the Public Notice on the Board's website on December 7, 2021, as required by 20.1.1.7(N)(1) NMAC, which is available online via public search at <https://www.env.nm.gov/opf/docketed-matters/> (**NMED Exhibit 11**). The Department also posted the Public Notice on the Department's Public Notice webpage on December 7, 2021, which is

available online via public search at <https://www.env.nm.gov/public-notices/> (NMED Exhibit 12).

The Department posted the Public Notice on the New Mexico Sunshine Portal on December 9, 2021 as required by 20.1.1.7(N)(2) NMAC, available online via public search at [https://statenm.secure.force.com/public/SSP\\_RuleHearingSearchPublic](https://statenm.secure.force.com/public/SSP_RuleHearingSearchPublic) (NMED Exhibit 13). The Department provided the Public Notice to the Legislative Council for distribution via email on December 7, 2021, pursuant to 20.1.17(N)(7) NMAC (NMED Exhibit 15).

The Public Notice was also made available to the Bureau's district offices in Santa Fe. (NMED Exhibit 14). The Bureau's other office in Albuquerque is closed to the public as of the date of this NOI. The Department will make the Public Notice available once this office opens, as required by 20.1.1.7(N)(3) NMAC. As of the date of this NOI, no person has made a written request for notice of announcements addressing the subject of this rulemaking proceeding. If the Department receives such a written request, it will send to the person a copy of the Public Notice by email, as required by 20.1.1.7(N)(4) NMAC.

As of the date of this NOI, no person who participated in the rulemaking has provided an email address or a postal address to the board administrator regarding this rulemaking. If the Department receives such a request, it will send to the person a copy of the Public Notice via email or certified mail return receipt requested, as required by 20.1.1.7(N)(5) and (6) NMAC. The Department did, however, provide the Public Notice to individuals whose email addresses are included in the EIB rulemaking listserv and to members of the MIRTAC (NMED Exhibits 16 and 17).

Per 20.1.1.301(A) NMAC, the Department provided public notice of the proposed rulemaking at least 60 days prior to the hearing.

As required by NMSA 1978, Section 14-4A-4 (2005), the Public Notice was provided to the Small Business Regulatory Advisory Commission via email on December 9, 2021 (**NMED Exhibit 18**). On December 14, 2021, the Small Business Regulatory Advisory Commission informed the Department that the proposed amendments will not pose a hardship to small businesses. (**NMED Exhibit 19**).

Pursuant to Section 61-14E-5, the proposed amendments to 20.3.20 NMAC were provided to the Medical Imaging and Radiation Therapy Advisory Council (“MIRTAC”) at its December 20, 2019 meeting, which was conducted pursuant to the Open Meetings Act, NMSA 1978, Sections 10-5-1 to -4 (1953, as amended through 2013). The MIRTAC consented to the proposed amendments of 20.3.20 NMAC (**NMED Exhibit 20**).

## **VII. PROPOSED AMENDMENTS TO 20.3.20 NMAC**

A summary of the Bureau’s proposed amendments is described below. The proposed amendments consist of the addition of a Computed Tomography (“CT”) license and clarification of the requirements for the Provisional License. The Bureau will also take this opportunity to clarify existing requirements and fix minor and typographical errors.

### **20.3.20.7 Definitions**

The definition of “modality” has been expanded to include “computed tomography and all of its subspecialties.”

### **20.3.20.100 License Required**

The Bureau would like to fix one minor typographical error in 20.3.20.100(D)(3)(iii) NMAC and add an “s” to the word Paragraph.

### **20.3.20.101 Scope of Practice**

This Bureau would like to add a “Computed Tomography” or CT license, which would be available to those individuals who have already completed an approved medical imaging program and completed the additional didactic and clinical education requirements that qualify them to take the national CT examination, offered by the American Registry of Radiologic Technologists (“ARRT”), which if passed, would meet the requirements to obtain a NM CT license. The addition of a CT license will maximize the protection practicable for the citizens of New Mexico from ionizing radiation in the practice of medical diagnostic CT imaging, by establishing requirements for appropriate education and training of these individuals who perform diagnostic CT medical imaging procedures. Chandra Gerrard will provide a more thorough explanation in her testimony for why the MIRTAC decided to add “computed tomography” as an additional license that is offered by the Department.

### **20.3.20.300 Recognized Credentialing Organizations**

This section discusses the medical imaging and radiation therapy credentialing organizations that are recognized by the Board for each type of medical imaging and radiation therapy license offered by the Program. The Bureau proposes to add “computed tomography: ARRT” to this section. ARRT is the credentialing organization for “computed tomography.”

### **20.3.20.301 Recognized Credentials and Certifications**

This section presents the different types of medical imaging and radiation therapy licenses within the Bureau. The proposed amendments seek to add licensure for individuals that practice computed tomography. The proposed amendments also provide a list of the credentials or modalities that will be required for the computed tomography license. Chandra Gerrard will

provide a more thorough explanation in her testimony about the credentials and certifications for the computed tomography license.

#### **20.3.20.320 Licenses**

The regulations state that individuals who are employed in New Mexico as medical imaging or radiation therapy professionals must be licensed by the Department prior to performing any diagnostic medical imaging procedures. In 2018, when the current regulations were promulgated, this section provided for a delayed effective date of June 30, 2019 for individuals who utilize non-ionizing radiation to meet the regulatory requirements imposed by this section. Since June 30, 2019 has passed, the Bureau proposes to remove all language regarding the requirements surrounding the delayed effective date.

The Bureau is proposing to remove excess language to clarify the requirements for licensure terms. Finally, the Bureau is also proposing to add “CT” under the types of licenses that will be recognized by the Department. Chandra Gerrard will provide a more thorough explanation in her testimony for why the MIRTAC decided to add “CT” as an additional license offered by the Department.

#### **20.3.20.322 Provisional license**

A provisional license was established to permit individuals who are pursuing a new type of medical imaging modality, while being in compliance with the NM diagnostic medical imaging licensure requirements, which require that individual’s be licensed by the Department prior to performing any diagnostic medical imaging or radiation therapy procedures, by providing a pathway for individuals to cross train or pursue a new medical imaging modality, which would qualify them for a NM medical imaging license. This type of license benefits individuals who are currently in the diagnostic medical imaging profession, but who are not enrolled in an approved



educational program, which if they were, would not require a provisional license, because they would be exempt from NM medical imaging licensure while they are enrolled in an approved medical imaging program.

The Bureau proposes to clarify the requirements for a provisional license by removing the phrase “is currently licensed by the department” and replacing that phrase with the following sentence: “A provisional license to practice medical imaging or radiation therapy utilizing ionizing radiation will not be issued to individuals who are not already licensed by the department in one of the modalities that utilizes ionizing radiation.” The foregoing sentence makes it clear that an applicant for a provisional license to practice medical imaging or radiation therapy utilizing ionizing radiation must already be licensed by the Department in one of the modalities that utilizes ionizing radiation in order to ensure patient safety. These amendments will help clarify the requirements for obtaining a provisional license so there is less confusion among the regulated community.

#### **20.3.20.330 Continuing Education**

The Bureau proposes to add “or with an active provisional license” in order to clarify existing Bureau business practice with regard to the continuing education requirements.

# Stephen M. Sanchez

## Objective

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Employment with a progressive state government agency with opportunity for advancement and one that is committed to continuous improvement in providing better service to the public which it serves.

## Experience

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June 2000 to Present

NM Environment Department

Santa Fe, NM

### Business Operations Specialist

- I oversee the administration of the Medical Imaging and Radiation Therapy Program (MIRT Program), a statewide program that provides professional licensure for Diagnostic Medical Imaging Professionals and Radiation Therapy Professionals. Some of my responsibilities are to ensure that individuals who are employed in NM as Medical Imaging Professionals or Radiation Therapy Professionals have met the requirements for NM licensure according to NM rules and regulations relating to professional licensure. This includes performing on site inspections to help ensure compliance with these rules and regulations. I also assist in creating and monitoring the MIRT Program operating budget; reconciling all fees received with the amounts deposited; and perform projections of revenues and operating expenses. I also work with the NM Child Support Enforcement Division to help assure compliance with court orders for child support responsibilities of active licensees under the MIRT Program; prepare reports and presentations for the MIRT Program; assist the Radiation Control Bureau in the preparation of the bureau's strategic plan; conduct outreach to the regulated community and higher education institutions offering approved Medical Imaging and Radiation Therapy Programs; and make presentations providing the regulated community with explanations of NM rules and regulations that directly affect the way they practice their profession. I am one of the NM Environment Department's Record Liaison Officers, in which I am responsible for submitting official documents for storage to the NM Records and Achieves Department as required by each type of official document's retention schedule as outlined by applicable law. I am the primary contact of international, national, state and local organizations relating to the practice of Medical Imaging or Radiation Therapy by licensed professionals in New Mexico. I have a firm understanding of the NM legislative process and the NM rule making process. This has been useful in assisting the NM Environment Department with the passage of legislation and the successful repeal and replacement of rules for the Radiologic Technologist Program. My primary accomplishment in the management of the MIRT Program has been the formulation and implementation of policies and procedures that have resulted in an extremely efficient government program that has been recognized by the regulated community as to the dramatic and noticeable improvement of the MIRT Program. Some, but certainly not all of my accomplishments include: same day processing of NM Medical Imaging or Radiation Therapy licensure applications for initial licensure or renewal of licensure, which used to take weeks prior to my employment; and successful implementation of new policies and procedures; involvement with the design, testing and implementation of two databases that are used by the MIRT Program; leading the country in rules and regulations that pertain to Medical Imaging and Radiation Therapy, being the first state in the United States to create a Fusion Imaging Licensure, Registered Radiologist Assistant Licensure and most recently Non-Ionizing Diagnostic Medical Imaging Licensure, such as Sonography; and making available to NM Licensees many of the services offered by the MIRT Program in an electronic format to the extent that the NM Environment Department's limitations allow.

## Stephen M. Sanchez

April 2002 to May 2008

MESA Ltd., DBA Home Run Pizza

Santa Fe, NM

### Owner and General Manager

- Oversight over all aspects of the operation of a small food service business specializing in pizza delivery and carryout; prepared operating budgets, strategic planning, which involved the development and implementation of business plan; and strategic goals for the company; responsible for interviewing, hiring and supervising all employees including two assistant managers, delivery drivers and in-store employees. This included the maintenance of all required employment records, employee training and all other human resource responsibilities; implementation and maintenance of a point of sale system to keep track of employees' time, sales, employees' work schedules, sales forecasts, and food inventory management; made all food orders and all other procurement necessary for business operations; prepared daily deposits, payroll, tax deposits, bank reconciliation, prepared financial statements, analyzed financial statements and prepared sales forecasts and cash management.

March 1999 to June 2000

NM Environment Department

Santa Fe, NM

### Financial Specialist III

- Conducted financial audits for claims submitted to the Underground Storage Tank Bureau (USTB), currently called the Petroleum Storage Tank Bureau. Processed claims submitted using the Oracle financial system; communicated directly with those businesses that submitted claims that were incomplete or required additional information to complete the claims process; maintained accurate records and other notations of claims and maintained accurate recordkeeping of those companies and their consultants which submitted claims for reimbursement. Another part of my employment was to assist the bureau's database administrator in the maintenance of the bureau's database, performed computer training to USTB employees and installed purchased computer equipment and software; prepared and maintained USTB organizational charts. I was also involved in the designing and planning of a project to implement a Geographic Information System with the existing database used by the USTB; maintained field equipment inventory used by USTB inspectors; generated reports using Oracle Browser; prepared monthly updates to the USTB web page; and participated in the strategic planning of the USTB.

July 1997 to December 1999

Accounting, Bookkeeping & Consulting Company

Espanola, NM

### Owner

- Owned and operated a bookkeeping service that provided payroll preparation, general ledger maintenance, accounts payable and financial statement preparation for small businesses.

### Education

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|      |                          |                 |
|------|--------------------------|-----------------|
| 1998 | University of New Mexico | Albuquerque, NM |
|------|--------------------------|-----------------|

Bachelor of University Studies

|      |                                              |                 |
|------|----------------------------------------------|-----------------|
| 1995 | Albuquerque Technical – Vocational Institute | Albuquerque, NM |
|------|----------------------------------------------|-----------------|

Associates of Arts, Liberal Arts

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References are available on request.

## **DIRECT TESTIMONY OF CHANDRA GERRARD**

### **I. INTRODUCTION**

This testimony is submitted by Chandra Gerrard, MPH, BS, RT(R)(CT)(MR)(QM), CIIP, Chair of the Medical Imaging and Radiation Therapy Advisory Council (“MIRTAC”). The hearing is to be held via internet (Zoom) and via telephone beginning at 9:00 a.m. on March 25, 2022 before the Environmental Improvement Board (“Board”).

The purpose of this testimony is to provide background information related to the request to amend the current version of 20.3.20 NMAC, Radiation Protection Regulations, 20.3.20 NMAC, under NMSA 1978, Section 61-14E-5 (2009) and provide expert testimony regarding specifics related to the addition of a Computed Tomography (“CT”) license and the clarification of the requirements and scope of practice for the Provisional License.

### **II. BACKGROUND AND EXPERIENCE**

I, Chandra Gerrard, have been employed by University of New Mexico Hospitals for 2.5 years. I currently hold the position of Manager Clinical Imaging Systems, Radiology Informatics, in the IT department servicing Radiology as the primary customer. Prior to this position I worked as Radiology faculty at the University of New Mexico School of Medicine as a clinical radiology research technologist for 3 years, performing clinical trial protocol reviews for radiology feasibility for the University of New Mexico Comprehensive Cancer Center, as well as developed workflows to enable research participants to be imaged on clinical scanners (acquisition protocol development etc.), created research referral billing processes and helped establish the Human Imaging Research Core. Prior to that, I was the Supervisor of Forensic Imaging at the New Mexico Office of the Medical Investigator for 7 years performing a variety of x-ray examinations, CT examinations, and Magnetic Resonance Imaging (“MRI”) examinations. This role included the development of many novel acquisition protocols used for post-mortem imaging as well as being the lead technologist in several grants using both CT and MRI as the primary acquisition modality. Prior to that, I was a staff CT technologist and later the CT Supervisor at University of New Mexico Hospitals performing a variety of CT examinations at the only level 1 trauma hospital in the state. I have held numerous leadership roles including clinical instructor, CT Physics instructor, imaging technologist, supervisor, and manager.

I am currently responsible for all the operations of the applications used in Radiology to promote dictation of radiologic imaging. This includes the Picture Archiving and Communication System (“PACS”), modality configuration, dozens of on premises and virtual machines (servers), 80+ PACS interpretation workstations, 35+ software applications of varying types, including applications dedicated to post processing of the advanced imaging modalities such as CT and MRI, as well as radiation tracking software for the CT scanners and interventional radiology equipment. I am also responsible for connecting the clinical workflows within Radiology to the language of IT. I chair the Clinical Informatics Radiology Subcommittee for the health system in which the focus is to assist Clinical Informatics Oversight in fulfilling its responsibilities related to developing best practice standards for the radiologic imaging enterprise within the Electronic Health Record and other healthcare technologies. For the purposes of this committee, radiologic

imaging enterprise consists of a comprehensive approach to enable consistency within any imaging-related interaction, with the intent to improve functionality and ease-of-use. Related to CT experience, I have developed numerous acquisition protocols by collaborating with radiology section chiefs for live patient and post-mortem scanning. As the CT Physics instructor for the Radiologic Sciences program, I worked with the Program Director to develop structured education units required for submission to apply for the Computed Tomography examination with the American Registry of Radiologic Technologists.

I have served on a variety of national committees focused on the profession of Computed Tomography, including the Computed Tomography Practice Standards Subcommittee for three separate terms. The Subcommittee's focus is to review the American Society of Radiologic Technologists ("ASRT") practice standards for the CT modality. I also served as delegate and Chair of the Computed Tomography Chapter for the ASRT. The Chapter represents the technologists of the given specialty and speaks on their behalf during the House of Delegates and other important matters such as licensure. I have served on the Medical Imaging and Radiation Therapy Advisory Committee ("MIRTAC") from 2019 to the present and am now Chair. During my time on the MIRTAC, I was part of a committee made up of experts in the field of imaging and radiation therapy services and in collaboration with the experts, helped draft the proposed amendments to 20.3.20 NMAC. I will discuss the development of 20.3.20 NMAC in further detail later in my testimony.

### **III. HISTORY OF X-RAY AND COMPUTED TOMOGRAPHY**

X-rays were first discovered in 1895 by physicist, Wilhelm Conrad Röntgen. The discovery was initially determined to be safe and quickly grew in popularity for use in medicine: <https://pubmed.ncbi.nlm.nih.gov/8696882/>. In 1927, Hermann Joseph Muller was able to prove that x-rays (ionizing radiation) could cause damage to the DNA of a cell. Damage to the cell meant that the cell itself may not repair itself properly and may have mutations occur as a result: <https://www.nobelprize.org/prizes/medicine/1946/muller/biographical/>. Over the next few decades, more research was done to identify the effects of ionizing radiation to the body. Some of which can result in a variety of cancers given the location of where the x-rays are taken, age and sex of the patient and other factors: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3548988/>.

From the discovery of x-rays and for many years to follow, people performing x-rays did not have consistent education backgrounds (physicists, scientists, secretaries, nurses, physicians, nuns, etc.). There were no set standards. X-ray machines were being used for medical imaging but also became quite popular to help with shoe fitting at various locations throughout the country. Once more research occurred around x-rays and radiation dose thresholds, machines such as a shoe fitter and the early x-ray and fluoroscopy units were determined to be emitting excessively high doses of radiation. Even as information was being released regarding safe use, many businesses and hospitals continued operations like normal, refuting the claims that x-rays can cause harm to human tissues: <https://www.orau.org/health-physics-museum/collection/shoe-fitting-fluoroscope/index.html>.

Around the same time, there continued to be discussions about formalizing training and education. These discussions started in the 1920's, and to this day, there are still some states that

lack standardization and minimum criteria for those performing radiologic exams. There remains a handful of states that do not have a requirement to have licensed individuals performing medical imaging and radiation therapy procedures. The American Registry of Radiologic Technologists (“ARRT”), previously called the American Registry of X-Ray Technicians, was founded in 1936. Over the course of the next 60+ years, each of the imaging specialties (Computed Tomography, Magnetic Resonance Imaging, Mammography, etc.), were added to the ARRT’s Registry as certification tests. As new advances in imaging became mainstream, the need to qualify individuals to perform imaging in a consistent and safe manner became even more important: <https://www.arrt.org/pages/about/about-us/history>. In the mid 1970’s, as defined in Title 10, Section 20.1003, of the Code of Federal Regulations (10 CFR 20.1003), the term, “as low as reasonably achievable” (“ALARA”), was introduced. ALARA means that the operator of the imaging equipment has a duty to acquire the requested imaging with as low a radiation dose as possible, but while also maintaining diagnostic image quality: <https://hps.org/publicinformation/ate/q8375.html>.

Computerized Tomography (for years known as Computed Axial Tomography [CAT scan]), was developed by noted engineers Sir Godfrey Hounsfield and Allan Cormack in 1971. Over the course of the next 50 years, CAT scan hardware and capabilities changed as well as the acronym. CAT scans became CT scans. The scanners evolved from a single section (single slice) of the body being scanned per rotation of the x-ray tube to being able to scan hundreds of slices per rotation of the x-ray tube. CT scans also skyrocketed in popularity for use by the medical community and has been described as one of the greatest medical inventions of our time. Unfortunately, with CT’s popularity came unintended consequences. CTs are essentially a required tool used for emergency and trauma evaluations, routine outpatient studies and everything in between. Depending on the year, CTs attribute to 25-35% of the manmade radiation dose source received by the public: <https://www.epa.gov/radiation/radiation-sources-and-doses>. Radiation dose is at the center of this testimony and why having certified and licensed technologists be the only people performing CTs is needed.

In a 2015 report submitted by Centers for Medicare and Medicaid Services , over 80 million scans were performed in the United States alone. This number is not expected to decrease anytime soon: <https://www.cms.gov/Medicare/Provider-Enrollment-and-Certification/SurveyCertificationGenInfo/Downloads/Survey-and-Cert-Letter-15-38.pdf>. The public has shown concern with risks associated with the use of ionizing radiation, pretty much since its inception. These concerns continue to grow as medical imaging use increases each year, become more accessible, and is requested by providers more than ever before. A quick PubMed search will yield many peer-reviewed articles about research being conducted to assess radiation and the human body. For CT alone, there are hundreds of research studies assessing risk of CT scans and long-term effects in both adult and pediatric populations: <https://pubmed.ncbi.nlm.nih.gov/?term=Computed+tomography+radiation+risk>. In the mid 2000’s, work was underway to demonstrate the need for radiation safety during ionizing radiation procedures. Both the *Image Gently* and *Image Wisely* campaigns were initiated and call attention making proactive measures to reduce radiation dose to both pediatric and adult patients. Not only are imaging technologists a main stakeholder in these initiatives, but as are radiologists, medical physicists, vendors, and dozens of professional medical societies:

<https://www.imagegently.org/About-Us/The-Alliance;>  
[https://pubs.rsna.org/doi/10.1148/radiol.10101335.](https://pubs.rsna.org/doi/10.1148/radiol.10101335)

#### **IV. SAFETY IN PERFORMING COMPUTED TOMOGRAPHY**

CT scanners continue to evolve and become more advanced each year. The advancements are always based on the tenets of reducing radiation dose while maintaining or improving image quality. Examples include radiation dose reduction techniques, hardware and software improvements to create faster acquisition times, enhanced pre- and post-processing applications and more technically advanced acquisition protocols (e.g., scanning full anatomic regions in seconds). Although systems are becoming more controlled with how much radiation can be output, that is not always enough to ensure the equipment is being used by the appropriate personnel.

The American Society of Radiologic Technologists (“ASRT”) is the largest society worldwide for medical imaging and radiation therapy technologists. As of now, there are 156,000 members. The mission of the ASRT is to, “advance and elevate the medical imaging and radiation therapy profession and to enhance the quality and safety of patient care”: <https://www.asrt.org/main/about-asrt/who-we-are>. The ASRT is an integral partner for how imaging technologies establish position statements, develop and maintain best practice standards, and assist heavily in grassroots and legislative efforts. Some of the legislative efforts include maintaining licensure standards as well as preventing other specialties (e.g., nursing), from encroaching on medical imaging by performing medical imaging without the background to do so. As part of the ASRT, each modality (CT, MRI, Nuclear Medicine, etc.), has a set of Practice Standards. The CT Practice Standards state, “The medical imaging and radiation therapy professional and any individual who is legally authorized to perform medical imaging must be educationally prepared and clinically competent as a prerequisite to professional practice”. This language is increasingly important when discussing patient safety and advocating for licensure around the performance of CT exams: [https://www.asrt.org/docs/default-source/practice-standards/ps\\_computedtomography.pdf?sfvrsn=9e076d0\\_24](https://www.asrt.org/docs/default-source/practice-standards/ps_computedtomography.pdf?sfvrsn=9e076d0_24)

One case to bring attention to and for why the public should be concerned with who performs their CT scan took place in 2009. A provider requested a CT scan of the cervical spine be performed on a pediatric patient after sustaining a fall. Speaking as a CT technologist, this scan should have taken 10-15 minutes total. The 10-15 minutes includes verification of patient ID and exam type, getting the patient onto the CT couch (table), positioning the patient, selecting the acquisition protocol on the scanner, and acquiring the images. In this case, this pediatric patient, around the age of 2 years old, had his cervical spine scanned 151 times. I repeat, 151 times. This child’s eyes, face and neck were subject to such high amounts of radiation that the child’s face showed radiation burns shortly after the procedure was terminated. The child was in the scan room for more than an hour and the technologist indicated she did not recall pressing the button but more than 4-6 times. What is more, the scan had to be repeated by another technologist who was able to perform one scan with the patient in the room for around 10 minutes total: <https://www.auntminnie.com/index.aspx?sec=ser&sub=def&pag=dis&ItemID=88757>.

Consequently, the child’s lifetime risk for developing cancer is significantly increased as has been shown with other studies around the use of high doses of radiation in the pediatric population:

<https://jamanetwork.com/journals/jamapediatrics/fullarticle/1696279>. This is an extreme example of how having a technologist who is not competent can cause catastrophic lifelong consequences to their patient within a relatively short period of time. Advocating for having imaging technologists be certified in the specialty they are performing exams not only demonstrates to the patient that the technologist is educationally prepared, but also ensures the technologist has an additional understanding of the equipment they are operating.

In conclusion, CT scanners can pose a danger (both immediate and long term) to patients which is why having certified and licensed technologists is really the best way to advocate for patient safety.

## **V. CHANGES TO EXISTING FUSION LICENSE AND NEED FOR SEPARATE CT LICENSE IN NEW MEXICO**

The Fusion Imaging license was implemented in the rules in 2009. Normally speaking though, Nuclear Medicine technologists are technically permitted to perform PET/CT and SPECT CT as part of their scopes of practice through both the ASRT and the Society of Nuclear Medicine and Molecular Imaging (SNMMI). However, institutions within the state often require additional credentials and/or licensure of their technologists to be able to perform PET/CT and SPECT CT. Institutional requirements supersede scopes of practice which is what led to the creation of the Fusion Imaging license to begin with. Creating the Fusion Imaging license allowed Nuclear Medicine technologists to obtain a state license that permitted them to be able to perform PET/CT and SPECT CT and comply with specific institutional requirements in the state. At that time, they were also able to perform diagnostic CT if they possessed additional certification such as ARRT(CT). However, new language for the Fusion Imaging license went into effect September 25, 2018. The language specified that individuals with a Fusion Imaging license could only perform PET/CT procedures and was listed as such on those individual's certificate of licensure. By adding that verbiage to the Fusion Imaging license, this essentially removed the ability for technologists who had primary certification in Nuclear Medicine from being able to perform diagnostic CT exams.

As of now, the state does not currently have a dedicated CT license. The Fusion license limits Nuclear Medicine technologists from performing diagnostic CT even if the Nuclear Medicine technologist possesses the appropriate national certification. Thus, the pool of qualified technologists being able to perform diagnostic CT in the state is greatly reduced. The reduced workforce available for certified CT technologists is even more concerning amidst the pandemic with many CT departments required to hire traveling technologists to backfill positions. Currently, only technologists with a primary certification in Radiography [R.T. (ARRT)(R)], are allowed to perform diagnostic CTs in the state. This is in part because the radiography credential and license are identified as a stand-alone license for the state. Additionally, the rules for *radiograph* "Modality", Section 20.3.20.7, Definitions, AM, (5), define the modality word radiograph as "radiography and all of its subspecialties". CT would be considered a subspecialty in this sense since it is not a stand-alone license.



Adding a stand-alone CT license to 20.3.20 NMAC would not only resolve the issue of Nuclear Medicine technologists who have proven themselves to be educationally competent and prepared to perform diagnostic CT, this would also add an additional layer of patient safety, requiring technologists who have not obtained CT credentials to become credentialed in the modality for which they are performing imaging.

## **VI. DISCUSSION REGARDING REVISIONS TO 20 3 20 NMAC RCB REGULATIONS**

There are several proposed changes throughout 20.3.20 NMAC since the New Mexico Environment Department is proposing an amendment to add a new license for medical imaging. Stephen Sanchez will address the majority of those changes in his testimony, **NMED Exhibit 2**. Below, I will discuss the changes to 20.3.20.101 NMAC, 20.3.20.301 NMAC, and 20.3.20.320.

### **20.3.20.101 Scope of Practice**

Adding “computed tomography” scopes of practice from the American Society of Radiologic Technologists (ASRT) and the Society of Nuclear Medicine and Molecular Imaging (SNMMI) ensures the licensee is practicing computed tomography within the recommendations of being educationally prepared and clinically competent. Having both scopes of practice allow the licensee to refer to the scope that also covers some primary pathway details. SNMMI is the primary society many Nuclear Medicine technologists refer to, thus having SNMMI recognized as a scope of practice in the statutes, questions that may be received by the Bureau can more appropriately be answered and more reflective of the requester’s professional society. This also falls in line with the other scopes of practice for disciplines that have multiple professional societies such as sonography.

### **20.3.20.301 Recognized Credentials and Certifications**

The MIRTAC is recommending moving forward with R.T. (ARRT)(CT) as the only recognized credential to obtain CT licensure in the state. The (NMTCB)(CT) credential was discussed at great length with content experts, however (NMTCB)(CT) was not passed as a recognized credential to perform diagnostic CT due to level of rigor needed to obtain competencies and training to perform diagnostic CT (comparisons available in **NMED Exhibit 21**). Although (NMTCB)(CT) requires candidates to perform diagnostic CT competencies prior to taking the exam, the number of procedure categories the candidate must fulfill, number of overall repetitions, and length of time to obtain competencies served as the MIRTAC’s rationale for declining (NMTCB)(CT) as an approved credential to perform diagnostic CT.

### **20.3.20.320 Licenses**

The MIRTAC is recommending moving forward with adding the license “CT” under 20.3.20.320, Letter F, (18), for consistency in listing all available licenses granted by the Bureau. Adding “CT” will also serve to enable that all imaging modalities a licensee is able to perform is reflected on the license document itself.

# CHANDRA Y. GERRARD, MPH, BS, RT(R)(CT)(MR)(QM), CIIP

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## STATEMENT

Experienced imaging technologist and supervisor interested in expanding capacity in workforce. Varied professional background includes supervision, clinical and post mortem imaging, research, protocol and workflow development as well as project management. Professional interests include establishing methods to improve overall quality of current practice, and generating an educational platform which promotes ongoing sustainability. Problem solving and understanding limitations of the built environment are essential aspects for my approach of effectively navigating complex situations. I have led a variety of technical projects that range from new implementations, upgrades and clinical workflow development.

## MANAGEMENT POSITIONS

### **Manager Clinical Imaging Systems**

July 2019 - current

University of New Mexico Hospitals, Radiology-Admin (Informatics)  
Albuquerque, New Mexico, USA

#### Primary duties

**Management:** *Support of Radiology Informatics Analyst I, II, III, and Customer Support Tech. Provides administrative oversight including time management, setting of goals, project check-in and allocating of resources for competing projects. Oversee informatics operational budget to include annual license and maintenance fees for clinical and research applications.*

**Projects:** *Provide clinical lens for projects with emphasis in the imaging technologist's role. Overall management also includes setting timelines, metrics for completion and overall delegation of when projects can be put on the schedule.*

**Clinical:** *Determines when critical communications are allocated to stakeholders and manages overall clinical messaging of expected and unexpected downtimes. Communicates with leadership to provide project updates and liaise clinical faculty requests.*

## SUPERVISORY POSITIONS

**Lecturer III (Faculty)**

May 2015-June 2017

**APPOINTMENT: Supervisor of Forensic Imaging (0.5 FTE)**

University of New Mexico, Department of Radiology  
Health Sciences Center, School of Medicine  
Albuquerque, New Mexico, USA

*\*Originally staff position (May 2011-May 2015); position changed to faculty May 2015*

Primary duties

**Management:** *Daily Post Mortem Computed Tomography (PMCT) imaging, including training of Pathologists, Fellows, Residents, Technologists and Technicians on functionality and utility. Quality assurance on imaging acquisition. Badge coordinator. Handled CT technologist monthly schedules, payroll, development of imaging policies and procedures, NAME accreditation support, equipment purchase support.*

**Informatics:** *Philips iSite PACS onsite administrator services for Office of the Medical Investigator; included exceptions handling, account creation, auditing, coordination of hardware / software upgrades and downtime troubleshooting.*

**Protocol:** *Extensive experience in development of post mortem CT (PMCT), post mortem MR (PMMR) and post mortem radiography (PMXR) protocols; implementation and forensic imaging workflow.*

**Clinical:** *Perform Post Mortem Computed Tomography (PMCT) scans, as needed or scheduled. Perform radiography as needed, most generally pediatric skeletal surveys. Perform all Post Mortem Magnetic Resonance Imaging (PMMR) scans.*

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**Supervisor of Forensic Imaging (Staff)**

University of New Mexico, New Mexico, USA  
Health Sciences Center, School of Medicine  
New Mexico Office of the Medical Investigator  
Radiology-Pathology Center for Forensic Imaging (CFI)

\*May 2011 to May 2015

*\*Converted from staff to faculty in UNM May 2015, job duties described in Lecturer III position*

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**Computed Tomography Supervisor**

October 2009-April 2011

University of New Mexico Hospitals, New Mexico, USA.  
Radiology Department – Computed Tomography  
*Interim Computed Tomography Supervisor (October 2009-October 2010)*

Primary duties

**Management:** *Maintain consistency of CT imaging while conserving the financial assets of the hospital. Monitor staff compliance, perform yearly assessments, and development of SMART goals. Hired PRN and pointage technologists. Perform disciplinary actions, when needed, while complying with hospital policies and procedures, and in accordance with District 1199 NM National Union of Hospital and Health Care Employees.*

**Informatics:** *Philips iSite PACS super user, exceptions handling, Radiologist QA, Unread Reports.*

**Protocol:** *Collaboration between Radiology Section Chiefs to develop low-dose chest, abdomen and pelvis protocols.*

**Clinical:** *Perform Portable or departmental Computed Tomography scans, as needed. Perform advanced pediatric angiography CT scans in collaboration with pediatric Radiology. Perform advanced cardiac CT scans in collaboration with chest Radiology.*

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## CLINICAL POSITIONS *(Non-Supervisory)*

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**CT/MRI Technologist (PRN)**

Santa Fe Imaging (SFI)  
Santa Fe, New Mexico, USA

May 2018-  
March 2021

Primary duties

**Image Acquisition:** *Perform Computed Tomography and Magnetic Resonance Imaging examinations for outpatient procedures. Following ALARA principles and MRI safety for every patient, every time. Understand insurance regulations for private practice outpatient center. Protocol exams real-time based on indication and reason for exam.*

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**Computed Tomography Technologist**

University of New Mexico Hospitals, New Mexico, USA.  
Radiology Department – Computed Tomography

April 2007-  
September 2009

Primary duties:

**Image acquisition:** *Perform CT scans per departmental protocol and in line with the ALARA principle. Ensure patient safety and satisfaction is maintained. Proficiency in imaging trauma, intensive care, inpatient, outpatient, pediatric, and intra-operative patients. Participate in call*

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**Diagnostic Radiologic Technologist**

Lovelace Medical Center – Downtown, New Mexico, USA.  
Radiology Department – Radiography  
*PRN position held from April 2007-August 2008*

April 2006-  
August 2008

Primary duties

**Image acquisition:** *Perform radiography per departmental protocol and in line with the ALARA principle. Ensure patient safety and satisfaction is maintained. Proficiency in imaging trauma, intensive care, inpatient, outpatient, pediatric, and intra-operative patients.*

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## TEACHING POSITIONS

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**Lecturer III (Faculty)**

**APPOINTMENT: CT Physics Instructor (0.5 FTE)**

University of New Mexico, Radiologic Sciences Program, Department of Radiology  
Health Sciences Center, School of Medicine  
Albuquerque, New Mexico, USA

May 2015-  
July 2016

Primary duties

**Instruction:** *Revise CT Physics educational material for program, provide educational training to students to prepare students for national board certification in Computed Tomography with the American Registry of Radiologic Technologists (ARRT). Assess students in the areas of competence, technical skillset and overall growth in the area of Computed Tomography.*

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**Radiologic Technology Instructor (Faculty)**

Central New Mexico Community College, New Mexico, USA.  
School of Health, Wellness, and Public Safety (HWPS)  
Albuquerque, New Mexico, USA

August 2014-  
October 2018

Primary duties

**Education:** *Supervise prospective Radiologic Technology students at the clinical site. Perform assessments of both hard and soft skills with regard to patient care, and the technical components of performing radiography.*

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**RESEARCH POSITIONS**

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**Lecturer III (Faculty)**

**APPOINTMENT: Clinical Radiology Research Technologist**  
University of New Mexico, Department of Radiology  
Health Sciences Center, School of Medicine  
Albuquerque, New Mexico, USA

August 2016-  
June 2019

Primary duties

**Clinical trial review:** *Assess feasibility of imaging within the Radiology department and determine whether the imaging has standard of care (routine) acquisition parameters, or whether the clinical trial requires novel protocol development.*

**Human Imaging Research Core (HIRC):** *Oversee budget estimate, study protocol development, scheduling, invoicing, reconciliation of payment, participant coordination, and research workflow.*

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**CONSULTING POSITIONS**

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**Director of Forensic Educational Services (Consultant)**

Turnkey Medical Solutions  
<http://turnkeymedical.net/>  
Atlanta, Georgia, USA

January 2016-  
current

Primary duties

**Education:** *Provide education and oversight for performance of post mortem imaging. Specializing in post mortem Computed Tomography (PMCT), post mortem Magnetic*

*Resonance Imaging (PMMR), and post mortem Radiography (PMXR). Tailor procedures for needs of practitioner. Provide hands-on training and protocol development.*

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**Forensic Imaging (Consultant)**

Advanced Detection Solutions (ADS)  
www.detection-solutions.com  
Costa Mesa, California, USA

May 2020-  
current

Primary duties

**Education:** *Provide education and oversight for performance of post mortem imaging. Specializing in post mortem Computed Tomography (PMCT). Goals are to improve workflow and usability of a new CT scanner or for CT scanners already in place. Other forensic imaging workflows and training are also available.*

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**OTHER POSITIONS**

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**MIRTAC Appointee**

Medical Imaging and Radiation Therapy Advisory Council (MIRTAC)  
State of New Mexico, USA

Term Dates:

Appointee

November 5, 2018-  
December 31, 2021

Chair

January 1, 2022-  
December 31, 2022

Primary duties

**Advisory Council:** *Provide expertise, guidance and recommendation regarding legislative actions, state statutes and other developments possibly affecting diagnostic and therapy imaging for the state of New Mexico.*

*MIRTAC is established in the following manner:*

*61-14E-5.1. Medical imaging and radiation therapy advisory council; creation and organization.*

*A. The "medical imaging and radiation therapy advisory council" is established, consisting of eleven members. The members shall be appointed by the governor, after consultation with the secretary of environment and professional organizations representing medical imaging and radiation therapy, for three-year staggered terms. (<http://governor.state.nm.us/Imaging.aspx>)*

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**Radiologic Technologist (Intermittent Federal Employee)**

Disaster Mortuary Operational Response Teams (DMORT) Region VI  
Assistant Secretary for Preparedness and Response (ASPR)  
Department of Health and Human Services (HHS)  
National Disaster Medical System (NDMS)

February 2013-  
current

Primary duties

**Post mortem imaging:** *Perform post mortem radiographs (and other imaging), for use in mass fatality / disaster victim identification (DVI), while in a deployment situation. Imaging performed*

*with attention to capturing the overall anatomy and visualization of the surrounding personal effects. Imaging performed as requested on items, samples, and specimens of interest.*

## PROFESSIONAL EDUCATION

### **MBA Master of Business Administration**

*University of New Mexico, Anderson School of Management  
Albuquerque, New Mexico, USA.  
Expected graduation December 2022*

January 2020-  
current

### **MPH Master of Public Health-Epidemiology, distinction**

*University of New Mexico, Health Sciences Center, College of Population Health  
Albuquerque, New Mexico, USA.*

August 2015-  
May 2019

Master's Professional Paper and Oral Exam:

**Chair:**

Kristine Tollestrup, PhD, MPH; Professor and Director, Graduate Programs,  
University of New Mexico, Health Sciences Center, College of Population Health (COPH)

**Title:**

*"Impact of Alcohol in Fentanyl Deaths: Secondary Analysis of 2015 -2016 New Mexico Data"*

### **BS Bachelors of Science in Radiologic Sciences, cum laude**

*University of New Mexico, School of Medicine, Radiologic Sciences Program  
Albuquerque, New Mexico, USA.*

September 2007-  
December 2013

### **Certificate Magnetic Resonance Imaging (MRI)**

*University of New Mexico, School of Medicine, Radiologic Sciences Program  
Albuquerque, New Mexico, USA.*

June 2011-July 2012

### **Certificate Computed Tomography (CT)**

*University of New Mexico, School of Medicine, Radiologic Sciences Program  
Albuquerque, New Mexico, USA.*

June 2007-July 2008

### **AS Associates of Occupational Sciences, Radiologic Sciences, honors**

*PIMA Medical Institute  
Albuquerque, New Mexico, USA.*

September 2003-April  
2006

## CERTIFICATION & LICENSURE

**Board Certified in Radiography.** American Registry of Radiologic Technologists. USA. (ARRT 405735 – April 2006, exp. February 2023).

**Board Certified in Computed Tomography.** American Registry of Radiologic Technologists. USA. (ARRT 405735 – August 2008, exp. February 2023).

**Board Certified in Magnetic Resonance Imaging.** American Registry of Radiologic Technologists. USA. (ARRT 405735 – August 2012, exp. February 2023).

**Board Certified in Quality Management.** American Registry of Radiologic Technologists. USA. (ARRT 405735 – November 2012 exp. February 2023).

**Certified Imaging Informatics Professional.** American Board of Imaging Informatics. USA. (ABII 804781 – November 2019 exp. December 2022).

**Licensed Radiographic Radiologic Technologist.** The New Mexico Medical Imaging and Radiation Therapy Program. New Mexico, USA. (RRT 03529 – April 2020, exp. April 2022).

**Basic Life Support (BLS and AED).** American Safety and Health Institute. New Mexico, USA. (Registry No. 48576, October 2021, exp. October 2023).

## TEACHING

\*All RADS courses are part of University of New Mexico, School of Medicine, Radiologic Sciences Program

|                              |                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| January 2019                 | Clinical Research Office Staff Meeting<br><u>Radiology / CRO Training</u><br>University of New Mexico Comprehensive Cancer Center<br>New Mexico Cancer Care Alliance                                                                                                                                                                                                                                        |
| Fall 2018<br>(Co-Instructor) | RADS 405 <i>Introduction to Research Methods</i>                                                                                                                                                                                                                                                                                                                                                            |
| November 2016                | Three-day workshop<br>Presentations and live demonstrations on how to perform Post Mortem<br>Computed Tomography (PMCT)<br><u>Advanced Radiologic Imaging in Medicolegal Death Investigation</u><br>New Mexico Office of the Medical Investigator<br>Funded by the Forensic Technology Center of Excellence (FTCoE), Research<br>Triangle International (RTI), and the National Institute of Justice (NIJ). |
| September 2016               | Senior Morphology Technicians<br>Overview of Forensic Imaging Modalities<br>New Mexico Office of the Medical Investigator                                                                                                                                                                                                                                                                                   |
| Fall 2016<br>(TA)            | RADS 410 <i>Physics of Computed Tomography I</i><br>RADS 410 <i>Physics of Computed Tomography I</i><br><i>Structured Education Requirement Student (SERS)</i><br>RADS 420 <i>Computed Tomography Clinical I</i>                                                                                                                                                                                            |



|                             |                                                                                                                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| July 2016                   | Native American Tribal Leadership Open House<br>Post Mortem Computed Tomography Demonstration                                                                                                                                               |
| June 2016                   | Field Deputy Medical Investigator Continuing Education<br><u>Forensic Imaging – workflow, utility, and case examples</u><br>New Mexico Office of the Medical Investigator<br>Medicolegal Death Investigation – ECHO Session (June 15, 2016) |
| Summer 2016<br>(Instructor) | RADS 412 <i>Computed Tomography Physics Review</i><br>RADS 422 <i>Computed Tomography Clinical III</i>                                                                                                                                      |
| March 2016                  | Facilitator<br><u>Interprofessional Disaster Preparedness Event</u><br>University of New Mexico Health Sciences Center Interprofessional Education (IPE)                                                                                    |
| Spring 2016<br>(Instructor) | RADS 411 <i>Physics of Computed Tomography II</i><br>RADS 421 <i>Computed Tomography Clinical II</i>                                                                                                                                        |
| Fall 2015<br>(Instructor)   | RADS 410 <i>Physics of Computed Tomography I</i><br>RADS 420 <i>Computed Tomography Clinical I</i>                                                                                                                                          |
| Summer 2015<br>(Instructor) | RADS 412 <i>Computed Tomography Physics Review</i><br>RADS 422 <i>Computed Tomography Clinical III</i>                                                                                                                                      |
| February 2015               | Forensic Pathology Fellow Rotation<br><u>Radiographic Technique for Pediatric Skeletal Survey</u>                                                                                                                                           |
| January 2015                | Field Deputy Medical Investigator Meeting<br><u>Center for Forensic Imaging – past, present, future</u>                                                                                                                                     |
| March 2014                  | Forensic Pathology Faculty, Fellows, Residents<br>Workshop presentation<br><u>Advanced Forensic Pathology and Forensic Radiology Techniques in the Assessment of Cervical Spine and Craniocervical Junction Trauma</u>                      |
| July 2013                   | Forensic Pathology Fellow Rotation<br><u>Radiographic Technique for Pediatric Skeletal Survey</u>                                                                                                                                           |
| July 2012                   | Morphology Technician Training<br><u>Pediatric Skeletal Survey</u>                                                                                                                                                                          |
| Spring 2009<br>(Student TA) | <i>CT Physics Program</i> (RADS 406 requirement)<br>Developed PowerPoints for CT Physics Instructor<br>Used for courses RADS 410 and RADS 420                                                                                               |
| Fall 2008<br>(Student TA)   | <i>Nuclear Medicine Program</i> (RADS 406 requirement)<br>Developed Visual Graphs for Nuclear Medicine Program Director<br>Graphs used to represent student clinical experience                                                             |

## MENTORING

|             |                                                                                                                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Spring 2017 | Victoria Bixler, R.T.(R)(MR)<br>Radiologic Sciences Bachelor of Science in Radiologic Sciences candidate; RADS 406 research rotation |
| Fall 2016   | Victoria Bixler, R.T.(R)(MR)<br>Radiologic Sciences Bachelor of Science in Radiologic Sciences candidate; RADS 406 research rotation |

## PRESENTATIONS

### SCIENTIFIC

|      |                                                                                                                                                                                                                                                                                                                     |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019 | Radiological Society of North America (RSNA)<br>ASRT@RSNA<br>Title: <u>The Role of the Radiologic Technologist in the Realm of Research</u><br>Chicago, IL, USA, 12/05/2019<br>(Unable to attend due to funding)                                                                                                    |
| 2017 | American Society of Radiologic Technologists (ASRT)<br>Educational Symposium<br>Title: <u>Forensic Imaging: Impact on Medicolegal Death Investigation and Research.</u><br>Orlando, FL, USA, 06/22/17                                                                                                               |
| 2017 | European Society of Paediatric Radiology (ESPR)<br>ESPR 2017 - 53 <sup>rd</sup> Annual Scientific Meeting<br>Title: <u>International PMCT protocols – Presentation of Combined ESPR PM Taskforce / ISFRI Paediatric Working Group white document on PM CT protocols.</u><br>Davos, Switzerland, 05/30/17 – 06/03/17 |
| 2016 | RTI International Forensic Technology Center of Excellence<br>Funded award Title (PI Hatch): Hosting 3-day Workshop on Advanced Radiologic Imaging in Medicolegal Death Investigation.<br>Title of talk: <u>Protocols</u><br>Albuquerque, NM, USA, 11/11/16-11/13/16                                                |
| 2016 | RTI International Forensic Technology Center of Excellence<br>Funded award Title (PI Hatch): Hosting 3-day Workshop on Advanced Radiologic Imaging in Medicolegal Death Investigation.<br>Title of talk: <u>The Skeletal Survey</u><br>Albuquerque, NM, USA, 11/11/16-11/13/16                                      |

- 2015 Podium Presentation – Scientific Session  
4<sup>th</sup> International Society of Forensic Radiology and Imaging (ISFRI) World Congress  
Postmortem Computed Tomography (PMCT) in pediatric deaths attributed to asphyxia  
Leicester, United Kingdom, 05/14/15 – 05/16/15
- 2015 Workshop Presentation  
67<sup>th</sup> American Academy of Forensic Sciences (AAFS) Annual Scientific Meeting  
RADid: Using Radiologic Techniques to Identify Unknown Decedents  
Orlando, FL, USA, 02/16/15 – 02/21/15
- 2014 Podium Presentation – Scientific Session  
3<sup>rd</sup> International Society of Forensic Radiology and Imaging (ISFRI) World Congress  
PMCT findings in hanging  
Marseille, France, 05/15/14 – 05/17/14
- 2014 Workshop Presentation  
66<sup>th</sup> American Academy of Forensic Sciences (AAFS) Annual Scientific Meeting  
Advanced Forensic Pathology and Forensic Radiology Techniques in the Assessment of Cervical Spine and Craniocervical Junction Trauma  
Seattle, WA, USA, 02/17/14 – 02/22/14
- 2014 Podium Presentation  
National Institute of Justice (NIJ) 2014 Grantees Meeting  
Investigation of the Impact of Body Temperature and Post-Mortem Interval on Magnetic Resonance Imaging (MRI) of Unfixed Tissue  
Seattle, WA, USA, 02/17/14 – 02/22/14
- 2013 Paper Presentation  
65<sup>th</sup> American Academy of Forensic Sciences (AAFS) Annual Scientific Meeting. Forensic Sciences Foundation Emerging Forensic Scientist Award.  
Determination of Postmortem Interval Using Non-Invasive Magnetic Resonance Imaging Measurement of the Apparent Diffusion Coefficient and 1-Dimensional Spectroscopy  
Washington, DC, USA, 02/18/13 – 02/23/13  
(Unable to attend due to unforeseen circumstances)
- 2012 Podium Presentation – Scientific Session  
1<sup>st</sup> International Society of Forensic Radiology and Imaging (ISFRI) World Congress  
Determination of PMI using non-invasive MRI measurement of the ADC  
Zurich, Switzerland, 05/14/12 – 05/15/12

**INVITED**

- 2019 American Society of Radiologic Technologists (ASRT)

- Educational Symposium  
Title: Use of Computed Tomography in Research.  
Orlando, FL, USA, 06/20/19
- 2019 Podium Presentation  
8<sup>th</sup> International Society of Forensic Radiology and Imaging (ISFRI) World Congress  
International Association of Forensic Radiographers (IAFR) Day Meeting  
Post Mortem MRI – Technologist Considerations  
Berlin, Germany, 05/16/19 – 05/18/19  
(Unable to attend due to funding)
- 2019 Live Webinar  
Teesside University (*webinar*)  
PgCert/PgDip/MSc Forensic Radiography programme  
Title: Post-Mortem MRI  
Middlesbrough, Tees Valley, United Kingdom, 03/21/2019
- 2018 Podium Presentation  
College of Population Health (COPH)  
University of New Mexico, School of Medicine  
Public Health Program; PH 533: Research Methods  
Impact of alcohol in fentanyl deaths: Analysis of 2015-2016 New Mexico data  
Albuquerque, NM, USA, 04/18/2018
- 2018 Live Webinar  
Teesside University (*webinar*)  
PgCert/PgDip/MSc Forensic Radiography programme  
Title: Post-Mortem MRI  
Middlesbrough, Tees Valley, United Kingdom, 03/21/2018
- 2017 Live Webinar  
Cranfield University (*webinar*)  
Master's Degree in Forensic Science: Forensic Imaging Module  
Title: PMMR Technologist Considerations.  
Shrivenham, United Kingdom, 01/30/17
- 2016 Podium Presentation  
5<sup>th</sup> International Society of Forensic Radiology and Imaging (ISFRI) World Congress  
International Association of Forensic Radiographers (IAFR) Day Meeting  
PMMR of the Brain  
Amsterdam, The Netherlands, 05/12/16 – 05/14/16
- 2016 Podium Presentation  
British Columbia Association of Medical Radiation Technologists (BCAMRT) Annual General Conference  
Forensic Imaging  
Coquitlam, British Columbia, Canada, 04/22/16 – 04/23/16
- 2015 Podium Presentation  
New Mexico Society of Radiologic Technologists Annual Conference (NMSRT)

Forensic Radiologic Technologist  
Ruidoso, NM, USA, 04/17/15 – 04/18/15

- 2014 Podium Presentation  
Radiology CEU Seminar; University of New Mexico Hospitals  
Forensic Radiologic Technologist  
Albuquerque, NM, USA, 06/14/14
- 2014 Live Webinars  
RTI International Center for Forensic Sciences Continuing Education  
Program, funding from National Institute of Justice  
Investigation of the Impact of Body Temperature and Post-Mortem  
Interval on Magnetic Resonance Imaging (MRI) of Unfixed Tissue  
Webinars (3) presented 06/03/14 – 06/05/14
- 2012 Podium Presentation  
65<sup>th</sup> National Association of Medical Examiners (NAME) Annual Meeting  
& Exhibits  
Pediatric Skeletal Survey as a Means of Identifying Cases of Non-  
Accidental Trauma  
Baltimore, MD, USA, 10/05/12 – 10/09/12
- 2012 Podium Presentation  
2012 Philips Clinical Informatics and Patient Care User Summit  
iSite's role in transforming workflow for Forensic Radiology  
San Francisco, CA, USA, 09/06/12 – 09/07/12
- 2012 Podium Presentation  
New Mexico Society of Radiologic Technologists Annual Conference  
(NMSRT)  
Introduction to a Medical Examiner's Office  
Taos, NM, USA, 04/13/12 – 04/14/12

## TRAINING

- July 2018 Frontline Business Operations  
University of New Mexico, Health Sciences Center  
Albuquerque, NM, USA, 07/17/18 – 07/19/18
- October 2017 National Institutes of Health: Good Clinical Practice (GCP)–FDA Training  
Clinical & Translational Science Center (CTSC)  
University of New Mexico, Health Sciences Center  
Albuquerque, NM, USA, 09-2017 – 10-2017
- October 2015 Leadership Academy  
American Society of Radiologic Technologists (ASRT)  
Albuquerque, NM, USA, 10/15/15 – 11/26/15
- August 2015 Disaster Victim Identification – In Theory and Practice

International Association of Forensic Radiographers (IAFR) United Kingdom Forensic Radiography Response Team (UKFFRT)  
Shrivenham, Swindon, United Kingdom, 08/08/15 – 08/09/15

- June 2014      Disaster Mortuary Operational Response Teams Fundamentals National Training  
Disaster Mortuary Operational Response Teams (DMORT)  
United States Department of Health and Human Services (HHS)  
National Disaster Medical System (NDMS)  
Phoenix, AZ, USA, 06/23/15 – 06/25/15
- October 2012      Advanced Forensic Imaging Course  
University of Maryland Medical System  
Office of the Chief Medical Examiner (OCME)  
Baltimore, MD, USA, 10/10/12
- March 2010      FEMA (ICS-00800.b) – National Response Framework, An Introduction  
Emergency Management Institute  
United States Department of Homeland Security
- March 2010      FEMA (ICS-00700.a) – National Incident Management System (NIMS), An Introduction  
Emergency Management Institute  
United States Department of Homeland Security
- March 2010      FEMA (IS-00200.a) – ICS for Single Resources and Initial Action Incidents, ICS-200  
Emergency Management Institute  
United States Department of Homeland Security
- February 2010      FEMA (IS-00100.FWa) – Introduction to the Incident Command System, ICS-100 for Federal Workers  
Emergency Management Institute  
United States Department of Homeland Security

## PROFESSIONAL AFFILIATIONS

- |                                                                                                      |                |
|------------------------------------------------------------------------------------------------------|----------------|
| 1. American Registry of Radiologic Technologists (ARRT)                                              | 2006 – present |
| 2. American Society of Radiologic Technologists (ASRT)                                               | 2009 – present |
| Computed Tomography Chapter                                                                          | 2009 – present |
| Magnetic Resonance Imaging Chapter                                                                   | 2012 – present |
| Quality Management Chapter                                                                           | 2013 – present |
| 3. New Mexico Society of Radiologic Technologists (NMSRT)<br>Member                                  | 2011 – present |
| 4. International Society of Radiographers and Radiological Technologists (ISRRT)<br>Associate Member | 2018 – present |

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|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 5. International Association of Forensic Radiographers (IAFR)<br>Member                                                      | 2011 – present                                  |
| 6. International Society of Forensic Radiology and Imaging (ISFRI)<br>Founding Member                                        | 2012 – present                                  |
| 7. National Association of Medical Examiners (NAME)<br>Support System Affiliate                                              | 2012 – present                                  |
| 8. American Academy of Forensic Sciences (AAFS)<br>Trainee Affiliate – General Section<br>Associate Member – General Section | 2015 – present<br>2015 – 2018<br>2018 – present |
| 9. New Mexico Public Health Association (NMPHA)<br>Student Member<br>Regular Member                                          | 2015 – present<br>2015 – 2019<br>2019 – present |
| 10. New Mexico Diabetes Advisory Council (NMDAC)<br>Para Professional Member                                                 | 2016 – present                                  |
| 11. Golden Key International Honour Society<br>Member                                                                        | 2012 – present                                  |

## PRIOR AFFILIATIONS

- |                                                                                            |             |
|--------------------------------------------------------------------------------------------|-------------|
| 1. European Society of Paediatric Radiology (ESPR)<br>Associate Member                     | 2016 – 2019 |
| 2. ECOG-ACRIN Cancer Research Group<br>Associate Member                                    | 2017 – 2019 |
| 3. Association of Educators in Imaging and Radiologic<br>Sciences (AEIRS)<br>Active Member | 2014 – 2017 |

## CURRENT PROFESSIONAL COMMITTEES

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 1. American Society of Radiologic Technologists (ASRT)<br>Practice Standards Council – QM Subcommittee (Member)<br>Practice Standards Council – CT Subcommittee (Member) | 07/01/21 – 06/30/22<br>07/01/21 – 06/30/22 |
| 2. Clinical Decision Support Committee<br>University of New Mexico Hospitals<br>University of New Mexico School of Medicine<br>Standing Member – Radiology               | 11/2020 – present                          |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 3. Radiology Informatics Subcommittee<br>University of New Mexico Hospitals<br>University of New Mexico School of Medicine<br>Co-Chair – Radiology                             | 10/2020 – present                      |
| 4. International Society of Forensic Radiology and Imaging (ISFRI)<br>Subcommittee Member – Pediatric Imaging (Protocol)<br>Subcommittee Member – Image Acquisition (Protocol) | 05/2015 – present<br>05/2014 – present |
| 5. University of New Mexico, Radiologic Sciences Program<br>Advisory Committee Member                                                                                          | 08/2013 – present                      |

## PAST PROFESSIONAL COMMITTEES

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6. American Society of Radiologic Technologists (ASRT)<br>Commission (Member)<br>Affiliate Delegate (NMSRT)<br>Commission (Member)<br>Sergeant-at-Arms Committee (Chief Sergeant)<br>Computed Tomography (CT) Chapter Chairman and Delegate<br>Computed Tomography (CT) Chapter Delegate<br>Practice Standards Council – CT Subcommittee (Member)<br>Committee on Bylaws (Member)<br>House of Delegates Minutes Approval Committee (Member)<br>Affiliate Delegate (NMSRT)<br>Grass-roots Network | 09/01/20 – 08/31/21<br>02/2020 – 01/2021<br>09/01/19 – 08/31/20<br>09/01/18 – 08/31/19<br>07/2017 – 06/2018<br>07/2016 – 06/2017<br>07/2016 – 06/2018<br>09/01/16 – 08/31/17<br>09/01/16 – 08/31/17<br>02/2015 – 01/2017<br>04/2014 – 06/2016 |
| 7. International Association of Forensic Radiographers (IAFR)<br>International Branch Chair<br>IAFR / ISFRI Merger Subgroup<br>Vice-Chair<br>Honorary Secretary<br>International Membership Subcommittee<br>USA Liaison<br>USA Liaison Co-opted<br>Committee Member                                                                                                                                                                                                                              | 10/2018 – 10/2019<br>10/2017 – 11/2019<br>10/2016 – 10/2017<br>11/2015 – 10/2016<br>07/2015 – 2018<br>10/2014 – 10/2019<br>11/2019 – 05/2020<br>10/2014 – 11/2019                                                                             |
| 8. New Mexico Society of Radiologic Technologists (NMSRT)<br>Conference Committee<br>Chairman of the Board<br>President<br>President – Elect<br>Vice President<br>Conference Chair                                                                                                                                                                                                                                                                                                               | 10/2017 – 04/2018<br>04/2016 – 04/2017<br>04/2015 – 04/2016<br>04/2014 – 04/2015<br>04/2012 – 04/2014<br>04/2013 – 04/2014                                                                                                                    |
| 9. UNM Comprehensive Cancer Center<br>New Mexico Cancer Center Alliance (NMCCA)                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                               |



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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <p>Clinical trial reviewer for department of Radiology UNM, SOM<br/>         Protocol Review &amp; Monitoring Committee (PRMC)<br/>         Feasibility Review Committee</p>                                                                                                                                                                                     | <p>08/2016 – 06/2019<br/>         03/2019 – 06/2019</p>                                |
| <p>10. University of New Mexico, Health Sciences Center<br/>         Public Health Emergency Preparedness Committee<br/>         Interprofessional Education (IPE)<br/>         Co-chair<br/>         Scholarship Development Member<br/>         Curricular Development Member</p>                                                                              | <p>09/2015 – 03/2017<br/>         04/2016 – 03/2017<br/>         04/2016 – 03/2017</p> |
| <p>11. University of New Mexico School of Medicine, Department of Radiology<br/>         Standing Non-voting Member, Radiology Research Committee<br/>         Standing Non-voting Member, Radiology Research Committee</p>                                                                                                                                      | <p>08/2016 – 06/2019<br/>         05/2015 – 09/2015</p>                                |
| <p>12. University of New Mexico, Radiologic Sciences Program<br/>         Beta student for the Quality Management (Didactic &amp; Clinical)</p>                                                                                                                                                                                                                  | <p>08/2010 – 12/2010</p>                                                               |
| <p>13. 4<sup>th</sup> International Society of Radiographers and Radiological<br/>         Technologists (ISRRT) Americas Teleconference<br/>         Invited Presenter – USA Liaison IAFR</p>                                                                                                                                                                   | <p>08/29/2016</p>                                                                      |
| <p>14. International Forensic Radiology Research Summit (IFRRS)<br/>         National Institute of Justice (NIJ),<br/>         Netherlands Forensic Institute (NFI),<br/>         International Society of Forensic Radiology and Imaging (ISFRI),<br/>         International Association of Forensic Radiographers (IAFR)<br/>         Invited Collaborator</p> | <p>05/10/16 – 05/11/16</p>                                                             |
| <p>15. University of New Mexico, School of Medicine<br/>         Health Professions and Public Health Programs (HP/PHP)<br/>         Allied Health Professional Commencement Speech Committee<br/>         Member</p>                                                                                                                                            | <p>April 2016</p>                                                                      |
| <p>16. Mississippi Society of Radiologic Technologists (MSRT)<br/>         Research Manuscript Reviewer</p>                                                                                                                                                                                                                                                      | <p>September 2015</p>                                                                  |

## PROFESSIONAL MEETINGS – PUBLIC HEALTH

- |                       |                                                                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>October 2016</p>   | <p><u>New Mexico-Youth Risk and Resiliency Surveys (NM-YRRS) Roadshow</u><br/>         Adelante Development Center Community Room<br/>         Albuquerque, NM, USA, 10/12/2016</p>                                                      |
| <p>September 2016</p> | <p><u>From Giving Life to Living Life: Understanding proper care in preventing and managing diabetes</u><br/>         New Mexico Diabetes Advisory Council Educational Session (NMDAC)<br/>         Albuquerque, NM, USA, 09/09/2016</p> |

- December 2015      12<sup>th</sup> Annual New Mexico Public Health Association (NMPHA) Health Policy Legislative Forum  
Albuquerque, NM, USA, 12/09/2015
- October 2015      5<sup>th</sup> Meeting of the Legislative Health and Human Services (LHHS) Committee  
*Attended: Substance Use Disorder and Overdose Update*  
State Capitol, Santa Fe, NM, USA, 10/06/2015

## PEER REVIEWED PAPERS

1. Doyle E., Hunter P., Viner MD., Kroll JJK., Pedersen CP., **Gerrard CY**.  
IAFR Guidelines for best practice: Principles for radiographers and imaging practitioners providing forensic imaging services.  
Forensic Imaging, 2020, Vol.(22):1-11.
2. Mahdi I, Tomedi LE, **Gerrard CY**, Lathrop S, Landen M, Excessive Alcohol Use and Drug Overdose Deaths, New Mexico, 2015-2016, *Drug and Alcohol Dependence* (Oct 2020), doi: <https://doi.org/10.1016/j.drugalcdep.2020.108175>, Vol.(215)
3. Marloes E.M. Vester, MD, PhD, Kurt B. Nolte, MD, PhD, Gary M. Hatch, MD, **Chandra Y. Gerrard, MPH, BS**, Reinoud D. Stoel, PhD, Rick R.van Rijn, MD, PhD.  
Postmortem Computed Tomography in Firearm Homicides: A Retrospective Case Series.  
Journal of Forensic Sciences, 2020, Vol 65(3):1-7
4. Nicholas Hobson, MS, Sean P. Polster, MD, Ying Cao, MS, Kelly Flemming, MD, Yunhong Shu, PhD, John Huston, MD, **Chandra Y. Gerrard, MPH, BS**, Reed Selwyn, PhD, Marc Mabray, MD, Atif Zafar, MD, Romuald Girard, PhD, Julián Carrión-Penagos, MD, Yu Fen Chen, PhD, Todd Parrish, PhD, Xiaohong Joe Zhou, PhD, James I. Koenig, PhD, Robert Shenkar, PhD, Agnieszka Stadnik, MS, Janne Koskimäki, MD, PhD, Alexey Dimov, PhD, Dallas Turley, PhD, Timothy Carroll, PhD, Issam A. Awad, MD.  
Phantom Validation of Quantitative Susceptibility and Dynamic Contrast-Enhanced Permeability MR Sequences Across Instruments and Sites.  
International Society for Magnetic Resonance in Medicine, 2020, Vol.(51):1192-1199.
5. Susan C. Shelmerdine, **Chandra Y. Gerrard**, Padma Rao, Matthew Lynch, Jeroen Kroll, Dan Martin, Elka Miller, Laura Filograna, Rosa Maria Martinez, Odey Ukpo, Barry Daly, Hideki Hyodoh, Karl Johnson, Andrew Watt, Ajay Taranath, Scott Brown, David Perry, Lene Warner Thorup Boel, Aleksandra Borowska-Solonyanko, Rick van Rijn, Willemijn Klein, Elspeth Whitby, Owen J. Arthurs.  
Joint European Society of Paediatric Radiology (ESPR) and International Society for Forensic Radiology and Imaging (ISFRI) guidelines: paediatric postmortem computed tomography imaging protocol.  
Pediatric Radiology, 2019, Vol.(49):1-8.
6. Espy M, Freeman M, **Gerrard C**, Magnelind P, Merrill F, Nouredine A, Selwyn R, Serda R, Tupa D, Yang Y.  
Proton radiography for cancer detection.  
Medical Physics, in preparation. (2018).

7. Rumpf RW, Stewart W.CL, Martinez SK, **Gerrard CY**, Adolphi NL, Thakkar R, Coleman A, Rajab A, Ray WC, Fabia R  
Comparison of the Lund and Browder table to computed tomography scan three-dimensional surface area measurement for a pediatric cohort.  
Journal of Surgical Research; Vol.(221):275-284.
8. M.C. Aalders, N.L. Adolphi, B. Daly, G.G. Davis, H.H. de Boer, S.J. Decker, J.J. Dempers,, J. Ford, **C.Y. Gerrard**, G.M. Hatch, P.A.M. Hofman, M. Iino, C. Jacobsen, W.M. Klein, B. Kubat, P.M. Leth, E.L. Mazuchowski, K.B. Nolte, C. O'Donnell, M.J. Thali, R.R. van Rijn, K. Wozniak  
Research in forensic radiology and imaging; Identifying the most important issues  
Journal of Forensic Radiology and Imaging, 2017, Vol.8:1-8
9. Catherine Miller, MD, MA; Michael Haag, BS; **Chandra Gerrard, BS, R.T.(R)(CT)(MR)(QM)**; Gary M. Hatch, MC; Jamie Elifritz, MD, Michael C. Simmons, MD, Sarah Lathrop, DVM, PhD, Kurt B. Nolte, MD  
A Comparative Evaluation of Potentially Radiolucent Projectile Components by Radiographs and Computed Tomography  
Journal of Forensic Sciences, Nov.2016, Vol.61(6):1563-1570; doi: 10.1111/1556-4029.13225

## PEER REVIEWED ABSTRACTS

1. Marloes E.M. Vester, MD\*; Rick R. Van Rijn, PhD; **Chandra Y. Gerrard, BS**; Kurt B. Nolte, MD; Reinoud D. Stoel, PhD; Gary M. Hatch, MDD  
Postmortem Computed Tomography (PMCT) in Shooting Fatalities  
71<sup>st</sup> Annual Scientific Meeting of the American Academy of Forensic Sciences. Baltimore, MD, USA. 2019.
2. **CY Gerrard.**  
Forensic Imaging: Impact on Medicolegal Death Investigation and Research  
American Society of Radiologic Technologists, Educational Symposium  
Orlando, FL, USA, 06/22/17.
3. L. Adolphi, A. Mason, C. Martinez Barrera, **CY. Gerrard.**  
The effect of tissue preservation (refrigeration, freezing/thawing, or fixation) on tissue properties and postmortem imaging.  
Abstract published on ISFRI website  
5<sup>th</sup> International Society of Forensic Radiology and Imaging (ISFRI) World Congress;  
Amsterdam, The Netherlands, 05/12/16 – 05/14/16
4. Ian Paul, MD\*; Sarah Lathrop, DVM, PhD; Gary M. Hatch, MD; **Chandra Y. Gerrard, BS**; Valerie Poland, BA; Ross E. Zumwalt, MD; Sam W. Andrews, MD; Jan Price, RN, MSA; Gary W. Mlady, MD; Jennifer W. Pohl, MD, PhD; Brad W. Cushnyr, MD; Philip W. Wiest, MD; Kurt B. Nolte, MD  
A Prospective Double-Blinded Comparison of Autopsy and Postmortem Computerized Tomography (PMCT) for the Evaluation of Potential Drug Poisoning Deaths.

- 68<sup>th</sup> Annual Scientific Meeting of the American Academy of Forensic Sciences. Las Vegas, NV, USA. 2016.
5. Morin J, Jarrell H, Kastenbaum H, Proe L, Aurelius M, **Gerrard C**, Nolte K.  
The utility of postmortem computed tomography in supplanting autopsies in determining cause of death in pediatric trauma fatalities.  
68<sup>th</sup> National Association of Medical Examiners (NAME) Annual Meeting & Exhibits; Charlotte, North Carolina, USA, 10/02/15 – 10/06/15.
  6. **CY Gerrard\***, SL Lathrop, GM Hatch, S Williamson, J P Price, KM Lopez, SW Andrews, RE Zumwalt, ID Paul, JM Elifritz, KB Nolte  
Postmortem Computed Tomography (PMCT) in pediatric deaths attributed to asphyxia.  
4<sup>th</sup> International Society of Forensic Radiology and Imaging (ISFRI) World Congress; Leicester, United Kingdom, 05/14/15 – 05/16/15  
Abstract currently in press with *Journal of Forensic Radiology and Imaging (JoFRI)*
  7. Hatch GM, Lathrop SL, **Gerrard CY**, Poland V, Paul ID, Mlady G, Cushnyr BW, Andrews SW, Pohl J, Wiest PW, Zumwalt RE, Price JP, Elifritz JM, Nolte KB  
Comparison of Postmortem Computed Tomography and Autopsy in Gunshot Wound Fatalities.  
4<sup>th</sup> International Society of Forensic Radiology and Imaging (ISFRI) World Congress; Leicester, United Kingdom, 05/14/15 – 05/16/15  
Abstract currently in press with *Journal of Forensic Radiology and Imaging (JoFRI)*
  8. Hatch G, **Gerrard C**, Mlady G, Adolphi N, Elifritz J, Nolte K, Wiest P.  
The Value of Postmortem Imaging for Translational Research, Forensic Investigation, and Clinical Medicine.  
American Roentgen Ray Society (ARRS), Annual Meeting; Toronto, Canada, 04/19/15 – 04/24/15.
  9. SL Lathrop\*, GM Hatch, **CY Gerrard**, S Williamson, JP Price, KM Lopez, SW Andrews, RE Zumwalt, ID Paul, JM Elifritz, KB Nolte  
A prospective double-blinded comparison of autopsy and post-mortem computed tomography (PMCT) for the evaluation of pediatric trauma deaths.  
67<sup>th</sup> American Academy of Forensic Sciences (AAFS) Annual Scientific Meeting. Orlando, FL, USA, 02/16/15 – 02/21/15.
  10. Hatch GM, Elifritz JM, Biggs SM, Ruder TD, Flach PM, **Gerrard CY**, Nolte KB  
CSI Radiology: A Précis of Radiologic Identification (RADid) for the Practicing Radiologist.  
100<sup>th</sup> Annual Meeting of the Radiological Society of North America (RSNA).  
November 2014, Chicago, Illinois, USA.
  11. Cushnyr BW, Lathrop SL, Hatch GM, **Gerrard CY**, Elifritz JM, Andrews SW, Paul ID, Price JP, Zumwalt RE, Nolte KB  
Utility of X-ray Computed Tomography (CT) as a Postmortem Tool for the Diagnosis of Blunt Force Head Injuries.  
20<sup>th</sup> World Meeting of the International Association of Forensic Sciences (IAFS 2014).  
October 2014, COEX, Seoul, Korea.
  12. Nolte KB, Lathrop SL, Hatch GM, **Gerrard CY**, Elifritz JM, Cushnyr BW, Mlady G, Pohl J, Andrews SW, Paul ID, Price JP, Zumwalt RE, Wiest PW  
Utility of Postmortem X-ray Computed Tomography (CT) for Medicolegal Autopsies on Decedents with Blunt Force Injuries.

20th World Meeting of the International Association of Forensic Sciences (IAFS 2014).  
October 2014, COEX, Seoul, Korea.

13. J. Elifritz, G.M. Hatch, H. Kastenbaum, **C. Gerrard**, S.L. Lathrop, K.B. Nolte.  
PMCT findings in hanging.  
J Forensic Radiol Imaging 2014; 2:97.
14. N.L. Adolphi, **C. Gerrard**, G.M. Hatch, K.B. Nolte.  
The physical basis of poor fat/muscle contrast observed at low temperatures in post-mortem MR (PMMR) imaging.  
J Forensic Radiol Imaging 2014; 2:101.
15. N.L. Adolphi, **C. Gerrard**, G.M. Hatch, N. Takacs, K.B. Nolte.  
Determining the temperature-dependence of tissue relaxation times ( $T_1$  and  $T_2$ ) for prospective optimization of post-mortem magnetic resonance (PMMR) image contrast.  
J Forensic Radiol Imaging 2013; 1:80.
16. Snyder V, Pinckard JK, Zumwalt RE, Matshes E, Hatch GM, **Gerrard C**.  
Advanced Forensic Pathology and Forensic Radiology Techniques in the Assessment of Cervical Spine and Craniocervical Junction Trauma.  
66<sup>th</sup> Annual Scientific Meeting of the American Academy of Forensic Sciences. Seattle, WA, USA. 2014.
17. D. Sandoval<sup>1\*</sup>, G Hatch<sup>2</sup>, **C Gerrard**<sup>2</sup>, P Heintz<sup>1</sup>, <sup>(1)</sup> Department of Radiology, University of New Mexico School of Medicine <sup>(2)</sup>Radiology-Pathology Center for Forensic Imaging, University of New Mexico School of Medicine.  
Validation of a Novel CT Breast Dosimetry Method in Post Mortem, Unembalmed Female Subjects.  
55<sup>th</sup> American Association of Physicists in Medicine (AAPM) Annual Meeting. August 2013. Indianapolis, Indiana, USA.  
Medical Physics. 2013. Validation of a Novel CT Breast Dosimetry Method in Post Mortem, Unembalmed Female Subjects; 40(6): 458-459.
18. Catherine R. Miller, MA\*; Michael G. Haag, BS; **Chandra Gerrard**; Gary M. Hatch, MD; Jamie Elifritz, MD; Michael C. Simmons, MD; Sarah Lathrop, DVM, PhD; Kurt B. Nolte, MD.  
Comparative Evaluation of Radiolucent Projectile Components by Radiographs and Computed Tomography.  
65<sup>th</sup> American Academy of Forensic Sciences (AAFS) Annual Meeting. Forensic Sciences Foundation Emerging Forensic Scientist Award (presentation for award consideration). February 2013.
19. **Chandra Gerrard**; Gary M. Hatch, MD; Kurt B. Nolte, N.L. Adolphi  
Determination of Post mortem Interval using non-invasive Magnetic Resonance Imaging measurement of the Apparent Diffusion Coefficient and 1-Dimensional Spectroscopy.  
65<sup>th</sup> American Academy of Forensic Sciences (AAFS) Annual Meeting. Forensic Sciences Foundation Emerging Forensic Scientist Award (presentation for award consideration). February 2013.

**PEER REVIEWED EDUCATIONAL MATERIAL**

1. **CY Gerrard.** *MR Procedures: Neurological Studies.* University of New Mexico Hospitals, 2211 Lomas Blvd, NE, 87106, Albuquerque, NM, USA.  
American Society of Radiologic Technologists Product ID: 17700, April 2021
2. **CY Gerrard.** *Data Acquisition.* University of New Mexico Hospitals, 2211 Lomas Blvd, NE, 87106, Albuquerque, NM, USA.  
American Society of Radiologic Technologists CT Basics Series, Module 3, 2009
3. **CY Gerrard.** *Image Processing and Reconstruction.* University of New Mexico Hospitals, 2211 Lomas Blvd, NE, 87106, Albuquerque, NM, USA.  
American Society of Radiologic Technologists CT Basics Series, Module 4, 2009

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## BOOK CHAPTERS

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1. JM Elifritz, KB Nolte, GM Hatch, NL Adolphi, and **CY Gerrard.** 2014. "Radiology, Forensic Imaging and the 'virtual autopsy'," In: McManus LN and Mitchell RN. *Pathobiology of Human Disease: A Dynamic Encyclopedia of Disease Mechanisms.* Elsevier, pp. 3448-3458.  
ISBN: 978-0-12-386457-4.

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## FORMAL ACKNOWLEDGEMENTS

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1. Sandoval, Daniel J. "Patient Specific Radiation Doses From Projection Radiography Images: Improving the Accuracy of Low Dose Radiation Calculations." (2018).  
[http://digitalrepository.unm.edu/ne\\_etds/70](http://digitalrepository.unm.edu/ne_etds/70). May 2018.
2. Baab KL, Copes LE, Ward DL, Wells N, Grine FE. *Using modern human cortical bone distribution to test the systemicrobusticity hypothesis.* *Journal of Human Evolution*; Vol.(119):64-82. April 2018.
3. Mark D. Viner. Lecture: *Forensic Dental Radiography – a review of current techniques and future developments.* 11<sup>th</sup> International Association of Forensic Radiographers Annual Meeting, parallel session to the 5<sup>th</sup> International Society of Forensic Radiology and Imaging Congress. Amsterdam, The Netherlands. May 2016.
4. Gary M. Hatch. Lecture: *The relevance of the post-axial skeleton in cases of abusive head trauma.* World Congress on Infant Head Trauma. Plano, TX. November 2013.
5. Courtney Lapham-Simpson MD, Ryan LeBaron, MD, Michael Haag, BS, Gary M. Hatch, MD Kurt B. Nolte, MD. *A Ballistics Study of the Winchester Supreme Elite® PDX1™ Ammunition.* April 2013.

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## BOOK CONTRACT

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1. **CY Gerrard (Lead Author)**, JM Elifritz Completion *pending*  
CRC Press, Taylor & Francis Group.  
Performing Postmortem Radiographs: A Concise Guide

## NON-PEER REVIEWED PUBLICATIONS

1. **Chandra Y. Gerrard, B.S., R.T.(R)(CT)(MR)(QM)**  
Final Examination.  
ASRT Scanner, Vol.50 No. 4 (2018).
2. **C Gerrard**  
Postmortem CT Imaging Is Like No Other Job.  
ASRT Scanner, Vol.44 No.4 (2012).
3. **C Gerrard**  
In the Medical Investigator's Office.  
Radiologic Technology, Vol.83 No 2:189CI-191CI (2011).

## NON-PEER REVIEWED ABSTRACTS / POSTERS

1. Gary M. Hatch, MD, Valerie Poland, BS, **Chandra Y. Gerrard, B.S., R.T(R)(CT)(MR)(QM)**, Matthew Meyers, MD, Sarah Lathrop, DVM, PhD.  
Poster- Testicular Position and Hypothermia: A New and Highly Specific Postmortem CT Finding.  
5<sup>th</sup> International Society of Forensic Radiology and Imaging (ISFRI) World Congress; Amsterdam, The Netherlands, 05/12/16 – 05/14/16

## RESEARCH FUNDING

### ACTIVE GRANTS AND CONTRACTS:

None

### PAST GRANTS AND CONTRACTS

National Institute of Justice – NIJ 2016-DN-BX-0144      \$702,654      01/01/17 – 12/31/18  
(PI Edgar)  
Title: Facilitating forensic research in multiple fields using a unique computed tomography dataset  
Submitted 02/01/2016: Solicitation NIJ 2016-4305, Research and Development in Forensic Science for Criminal Justice Purposes  
Role: Co-Investigator

National Institute of Justice – NIJ 2015-DN-BX-K018 \$36,598 (sub) 01/01/16 – 12/31/17  
(Subaward PI Adolphi)

Title: Biomechanical Investigation of the Effect of Bone Disorders on Pediatric Femur Fracture Potential

Role: Subaward Co-Investigator, Co-investigator [Prime PI Thompson, U. Louisville]

Research Triangle International (RTI) \$81,327 07/01/16 – 09/30/16  
International Forensic Technology Center of Excellence

Budget proposals for 5 projects were invited by RTI; submitted 06/13/2016. The goal of these projects is to educate and inform the forensic pathology community regarding the use of advanced radiological imaging methods in death investigation, and to facilitate the adoption of these technologies by medical examiners in the U.S

1. (PI Hatch) \$49,013, Title: Development of Curriculum and Instructional Content for Workshop on Advanced Radiologic Imaging in Medicolegal Death Investigation  
Role: Co-Investigator
2. (PI Hatch) \$5,662, Title: Hosting 3-day Workshop on Advanced Radiologic Imaging in Medicolegal Death Investigation  
Role: Co-Investigator
3. (PI Gerrard) \$11,848, Title: Guidance Document on Current Best Practices for Implementing Advanced Radiological Imaging in Medicolegal Death Investigation  
Role: Principal Investigator
4. (PI Adolphi) \$3,351, Title: Webinar on Advanced Forensic Radiology: Introduction and Current Recommended Practices  
Role: Co-Investigator
5. (PI Adolphi) \$11,453, Title: Landscape Study Report on Acquiring and Implementing Post-mortem Computed Tomography in a Medical Examiner's Office  
Role: Co-Investigator

National Institute of Justice – NIJ 2015-DN-BX-K009 \$94,960 (sub) 01/01/16 – 12/31/16  
(Subaward PI Hatch)

Title: Development of Modern Subadult Standards: Improved Age and Sex Estimation in U.S. Forensic Practice

Role: Co-Investigator, [Prime PI Stull, U. Nevada Reno]

National Institute of Justice – NIJ 2013-DN-BX-K004 \$498,616 01/01/14 – 12/31/16  
(PI Hatch)

Title: Investigation of Post-Mortem Magnetic Resonance Imaging for the Detection of Intraneural Hemorrhage

Role: Co-Investigator

Simon Fraser University Contract \$24,549 03/01/16 – 02/28/17  
(Contract PI Adolphi)

Title: Traumatic Injury Patterns of the Modern Juvenile Human Skeleton

Role: Co-Investigator, [Prime PI Cardoso]

National Institute of Justice – NIJ 2012-DN-BX-K019) \$575,686 01/01/13 – 06/30/16  
(PI Adolphi)



Title: Investigation of the Impact of Body Temperature and Post-Mortem Interval on Magnetic Resonance Imaging of Unfixed Tissue

Role: Co-Investigator

Research Inst. at Nationwide Children's Hospital Contract  
00071785 2/CC#183511 HSC (PI Nolte) / (Prime PI Will Ray) Total / \$10,000 06/14/14 – 09/30/14

Title: Pediatric CT Scan Study

Role: Co-investigator

Harris Co. Inst. of Forensic Sci. PO#P226527 \$4351 04/15/14 – 09/30/14  
(PI Adolphi)

Title: Radiography and Computed Tomography for Quantification of Bone Density in Infant Decedents.

Prime award from Children's Justice Act (PI Love).

Role: Contract Co-investigator

American Academy of Forensic Sciences (AAFS), Lucas Grant Total / \$2,940 02/2014  
(PI Hatch)

Title: Detection of Neural Injury in Shaken Infants; A Pilot Investigation Using Postmortem Magnetic Resonance Imaging

Role: Co-Investigator

University of New Mexico, Health Sciences Center, (PI Nolte) Total / \$43,000 2014  
Office of Research

Title: Equipment Funding Grant

Role: Co-Investigator

National Institute of Justice - NIJ 2010-DN-BX-K205 Total / \$895,832 01/01/11 – 12/31/13  
(PI Nolte)

Title: Utility of Postmortem X-ray Computed Tomography (CT) in Supplanting or Supplementing Medicolegal Autopsies

Role: Lead CT Technologist

University of New Mexico, Health Sciences Center, (PI Mercer) Total / \$17,423 12/12 – 11/13  
Clinical and Translational Sciences Center.

Title: Biomechanical Evaluation of Structures Responsible for Thumb Basal Joint Stability.

Role: Co-Investigator

University of New Mexico, Health Sciences Center, HSC-20214 Total / \$1,220 09/2013  
(PI Nolte)

Sub-award with Harris County Institute of Forensic Sciences

Title: Computer Assisted Identification Project

Role: Co-Investigator

University of New Mexico, Health Science Center, Total / \$24,244 03/01/12 – 02/28/13  
Research Allocation Committee (RAC)

Title: Incidental Breast Radiation Dose During Routine Clinical Computed Tomography: A Novel Postmortem Implanted Dosimetry Model

Role: Co-investigator

State of New Mexico Department of Health Total / \$535,174 03/01/12 – 06/30/12  
(PI Aurelius)

Regents of the University of New Mexico – New Mexico Mass Fatality  
Title: Mass Fatality Plan for the State of New Mexico  
Role: Co-Investigator

## HONORS & AWARDS

### **University of New Mexico – Anderson School of Management Scholarship**

Chester and Diana Steward Biz Scholarship

Award amount: \$1,000.00 USD

Fall 2021 & Spring 2022

### **American Society of Radiologic Technologists Foundation – Donor Recognition**

Highlighted in the Monthly Donor Newsletter

September 2020

### **Departmental Honors – Master’s Examination Passed with Distinction**

University of New Mexico Health Sciences Center

College of Population Health (COPH)

Masters of Public Health - Epidemiology

December 2018

### **Advancing Your Profession: Education and Professional Growth Grant**

American Registry of Radiologic Technologists (ARRT) and administered by the ASRT Foundation

Award amount: \$500.00 USD

October 1, 2018 – September 30, 2019

### **Epidemiology Traineeship Grant Recipient**

#### **Health Resources and Services Administration (HRSA)**

University of New Mexico School of Medicine

Public Health Program

Master of Public Health

*Traineeship Details: Under the guidance of Alcohol Epidemiologist Laura Tomedi, PhD, MPH, and the New Mexico Department of Health, Substance Abuse Epidemiology Section, Epidemiology and Response Division, traineeship efforts were focused on developing educational materials regarding general alcohol use in New Mexico, Alcohol Outlet Density, Alcohol Screening and Brief Intervention, and County specific factsheets on alcohol use, morbidity and mortality in McKinley County, New Mexico. Factsheets were developed for use by community members, media, legislators, physicians and educators.*

June 2015-October 2016

**Institutional Honors – Cum Laude**

University of New Mexico School of Medicine  
Bachelor of Science in Radiologic Sciences  
December 2013

**Class President**

University of New Mexico Radiologic Sciences Program - 2011 - 2012 Magnetic Resonance  
Imaging Physics Program  
September 2011

**"Best story" contribution to Pima Medical Institutes**

Association of Private Sector Colleges & Universities (APSCU)  
August 2011

**PMI Alumni Success Story**

Pima Medical Institute (PMI) - Corporate Office  
July 2011

**Pride in Excellence Award**

University of New Mexico Hospital - Radiology Department  
August 2010

**Radiologic Sciences Scholarship**

University of New Mexico Hospital - Radiology Department  
April 2006

**Director's Award for Educational Excellence**

Pima Medical Institute (PMI)  
April 2006

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**OTHER VOLUNTEER**

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Actor  
American Society of Radiologic Technologists (ASRT)  
Radcademy  
Episode 1: X-rays Are Pretty Rad!  
<https://www.asrt.org/radcademy/videos#episode1>  
June 2015

Interview  
[www.Radiologyschools411.com](http://www.Radiologyschools411.com), regarding insight as a radiologic technologist  
October 2013

Model

*Academic Forensic Pathologist* journal

Used in manuscript: Postmortem X-ray Computed Tomography (CT) and Forensic Autopsy: A Review of the Utility, the Challenges and the Future Implications

May 2011

Model

American Society of Radiologic Technologists (ASRT) *Scanner* magazine and future publications

March 2011

Contributor to the Alliance for Radiation Safety in Pediatric Imaging (ARSPI) forum for the nationwide “Image Gently” campaign

American Society of Radiologic Technologists (ASRT)

2009

Beta tester for the Online Digital Imaging Academy (ODIA)

American Society of Radiologic Technologists (ASRT)

2008

**NEW MEXICO ENVIRONMENTAL IMPROVEMENT BOARD NOTICE  
OF PUBLIC HEARING TO CONSIDER PROPOSED AMENDMENTS TO 20.3.20 NMAC OF THE  
RADIATION PROTECTION REGULATIONS  
EIB 21-56**

The Environmental Improvement Board (“EIB”) will hold a public hearing March 25, 2022 beginning at 9:00 a.m. MDT via internet (Zoom) and via telephone.

If you would like to join the video conference online, go to:

<https://zoom.us/j/97661947432?pwd=N0xqMFIFcVplNk11RHJPOUgwcUNHQQT09>

When prompted, the meeting ID number is: 976 6194 7432

The password is: 491774

If you would like to join the meeting thru a telephone, please call:

+12532158782,,97661947432#,,,,\*491774# US (Tacoma)

+13462487799,,97661947432#,,,,\*491774# US (Houston)

Dial by your location

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

+1 669 900 6833 US (San Jose)

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

Meeting ID: 976 6194 7432

Passcode: 491774

Find your local number: <https://zoom.us/u/a8MLJTgPY>

Comments will be received via electronic mail through the conclusion of the hearing. To comment via electronic mail, send correspondence to: [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us).

The hearing is being held via internet, email and telephonic means due to the concerns surrounding the Novel Coronavirus (“COVID-19”) and in accord with Governor Michelle Lujan Grisham's Declaration of a Public Health Emergency in Executive Order 2020-004, and subsequent executive orders; various Public Health Emergency Orders limiting mass gatherings due to COVID-19; and the Office of the Attorney General’s Open Government Division’s Guidance to Public Entities Regarding the Open Meetings Act and Inspection of Public Records Act Compliance During COVID-19 State of Emergency.

At the public hearing the EIB will consider proposed amendments to 20.3.20 NMAC “Medical Imaging and Radiation Therapy Licensure”, as proposed in the Petition to Amend 20.3.20 NMAC of the Radiation Protection Regulations and Request for Hearing (“Petition”), docket number EIB 21-56. The Petition has been filed by the Radiation Control Bureau (“Bureau”) of the New Mexico Environment Department (“NMED”). The proposed amendments consist of the addition of a Computed Tomography (“CT”) license and clarification of the requirements

and scope of practice for the Provisional License. The Bureau will also take this opportunity to clarify existing requirements and fix minor and typographical errors. The addition of a CT license will maximize the protection practicable for the citizens of New Mexico from ionizing radiation in the practice of CT imaging by establishing requirements for appropriate education and training of these individuals operating CT medical equipment. Please note that formatting and minor technical changes in the regulations other than those proposed by NMED may be considered at the hearing. In addition, the EIB may make other changes as necessary to accomplish the purpose of protecting public health and safety in response to public comments and evidence presented at the hearing.

The administration and enforcement of the Medical Imaging and Radiation Therapy Health and Safety Act, NMSA 1978, Sections 61-14E-1 to -12 (1983, as amended through 2020) (“Act”) and corresponding regulations is vested in NMED. NMSA 1978, § 61-14E-6. Pursuant to NMSA 1978, Section 74-1-7(A)(12) (2000), NMED has the authority to develop and enforce rules and standards for medical radiation, health and safety certification and standards for radiologic technologists.

Pursuant to NMSA 1978, Section 61-14E-5 (2009), the proposed amendments were provided to the Medical Imaging and Radiation Therapy Advisory Council (“MIRTAC”) at its December 20, 2019 meeting. The MIRTAC has consented to the amendments. Finally, the EIB has the authority to amend the Radiation Protection Regulations, 20.3.20 NMAC, as provided by Section 61-14E-5 and NMSA 1978, Section 74-1-8(A)(12) (2020).

A copy of the proposed amendments is posted on the EIB website as attachments to the Petition under docket number EIB 21-56. <https://www.env.nm.gov/opf/docketed-matters/>

To obtain a physical or electronic copy of the proposed amendments contact: Pamela Jones, Board Administrator, P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, New Mexico, 87502; Pamela.Jones@state.nm.us; (505) 660-4305. In your correspondence reference docket number EIB 21-56.

The hearing will be conducted in accordance with the EIB’s Rulemaking Procedures found at 20.1.1 NMAC, the Environmental Improvement Act, NMSA 1978, Section 74-1-9 (1985), and other applicable procedures and procedural orders. Written comments regarding the proposed amendments will be posted on the docket page at <https://www.env.nm.gov/opf/docketed-matters/> and may also be obtained from Pamela Jones, EIB Administrator, at the contact information listed above.

All interested persons will be given reasonable opportunity at the hearing to submit relevant evidence, data, views and arguments, orally or in writing, to introduce exhibits, and to examine witnesses. Any person who wishes to submit a non-technical written statement for the record in lieu of oral testimony must file such statement prior to the close of the hearing via electronic mail to: [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us).

Persons wishing to present technical testimony must file with the EIB a written notice of intent to do so. Notices of intent for the hearing must be received by the EIB by 5:00 p.m. MST on March 4, 2022, and should reference the name of the regulations, the date of the hearing (March 25, 2022), and docket number EIB 21-56.

The requirements for a notice of intent can be found in 20.1.1.302 NMAC.

The notice of intent shall:

- (1) identify the person for whom the witness(es) will testify;
- (2) identify each technical witness the person intends to present and state the qualifications of that witness, including a description of their educational and work background;
- (3) if the hearing will be conducted at multiple locations, indicate the location or locations at which the witnesses will be present;

- (4) include a copy of the direct testimony of each technical witness in narrative form;
- (5) include the text of any recommended modifications to the proposed regulatory change; and
- (6) list and attach all exhibits anticipated to be offered by that person at the hearing, including any proposed statement of reasons for adoption of rules.

If you are an individual with a disability and you require assistance or an auxiliary aid, e.g., sign language interpreter, to participate in any aspect of this process, please contact Pamela Jones, Board Administrator, at least 14 days prior to the hearing date at P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, New Mexico, 87502, telephone (505) 660-4305 or email [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us). (TDD or TTY) users please access the number via the New Mexico Relay Network, 1-800-659-1779 (voice); TTY users: 1-800-659-8331).

The EIB may make a decision on the proposed regulatory changes at the conclusion of the hearing or may convene a meeting after the hearing to consider action on the proposal.

#### **STATEMENT OF NON-DISCRIMINATION**

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations.

NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Parts 5 and 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, you may contact:

Kathryn Becker, Non-Discrimination Coordinator, New Mexico Environment Department, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, [nd.coordinator@state.nm.us](mailto:nd.coordinator@state.nm.us).

If you believe that you have been discriminated against with respect to a NMED program or activity, you may contact the Non-Discrimination Coordinator identified above or visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

**AVISO DE LA JUNTA DE MEJORA AMBIENTAL DE NUEVO MÉXICO  
DE UNA AUDIENCIA PÚBLICA PARA CONSIDERAR LAS ENMIENDAS PROPUESTAS A 20.3.20  
NMAC DEL REGLAMENTO DE PROTECCIÓN RADIOLÓGICA  
EIB 21-56**

La Junta de Mejora Ambiental (“EIB” por sus siglas en inglés) celebrará una audiencia pública el 25 de marzo de 2022 a partir de las 9:00 a.m., MDT, por Internet (Zoom) y por teléfono.

Si desea unirse a la videoconferencia en línea, vaya a

<https://zoom.us/j/97661947432?pwd=N0xqMFIFcVpINk11RHJPOUgwcUNHQT09>

Cuando se le solicite, marque el número de identificación de la reunión: 976 6194 7432

La contraseña es: 491774

Si desea unirse a la reunión a través de un teléfono llame al:

+12532158782,,97661947432#,,,,\*491774# US (Tacoma)

+13462487799,,97661947432#,,,,\*491774# US (Houston)

Marque por su ubicación

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

+1 669 900 6833 US (San Jose)

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

Identificación de la reunión: 976 6194 7432

Código de acceso: 491774

Encuentre su número local: <https://zoom.us/j/97661947432?pwd=N0xqMFIFcVpINk11RHJPOUgwcUNHQT09>

Se recibirán comentarios por correo electrónico hasta la conclusión de la audiencia. Para hacer comentarios por correo electrónico, envíe la correspondencia a [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us).

La audiencia se va a llevar a cabo a través de Internet, correo electrónico y medios telefónicos debido a las preocupaciones que rodean al Nuevo Coronavirus (“COVID-19”) y de acuerdo con la Declaración de Emergencia de Salud Pública de la gobernadora Michelle Lujan Grisham en la [Orden Ejecutiva 2020-004](#), y órdenes ejecutivas posteriores; varias órdenes de emergencia de salud pública que limitan las reuniones masivas debido al COVID-19; y la [Guía de la División de Gobierno Abierto de la Oficina del Procurador General para Entidades Públicas con respecto a la Ley de Reuniones Abiertas y el Cumplimiento de la Ley de Inspección de Registros Públicos durante el Estado de Emergencia COVID-19](#).

En la audiencia pública, la EIB considerará las enmiendas propuestas a 20.3.20 NMAC “Licencia de Imágenes Médicas y Radioterapia”, según lo propuesto en la [Petición para Enmendar 20.3.20 NMAC del Reglamento de Protección Radiológica y Solicitud de Audiencia](#) (“Petición”), número de expediente EIB 21-56. La Petición ha sido



presentada por la Oficina de Control de Radiación (“Oficina”) del Departamento de Medio Ambiente de Nuevo México (“NMED” por sus siglas en inglés). Las modificaciones propuestas consisten en la adición de una Licencia de Tomografía Computarizada (“CT” por sus siglas en inglés) y la aclaración de los requisitos y el alcance de la práctica para la Licencia Provisional. La Oficina también aprovechará esta oportunidad para aclarar los requisitos existentes y corregir errores menores y tipográficos. La adición de una licencia TC maximizará la protección viable para los ciudadanos de Nuevo México contra la radiación ionizante en la práctica de obtención de imágenes de TC mediante el establecimiento de requisitos para la educación y la capacitación adecuadas de estas personas que operan equipos médicos de TC. Tenga en cuenta que el formato y los cambios técnicos menores en el reglamento distintos de los propuestos por el NMED pueden ser considerados durante la audiencia. Además, la EIB puede realizar otros cambios según sea necesario para cumplir el propósito de proteger la salud y la seguridad pública en respuesta a los comentarios públicos y las pruebas presentadas en la audiencia.

La administración y el cumplimiento de la Ley de Salud y Seguridad de Imágenes Médicas y Radioterapia, NMSA 1978, Secciones 61-14E-1 a -12 (1983, enmendada hasta 2020) (“Ley”) y los reglamentos correspondientes se confieren al NMED. NMSA 1978, § 61-14E-6. De conformidad con NMSA 1978, Sección 74-1-7(A)(12) (2000), el NMED tiene autoridad para desarrollar y hacer cumplir las normas y estándares de radiación médica, la certificación de salud y seguridad y los estándares para tecnólogos radiológicos.

De acuerdo con NMSA 1978, Sección 61-14E-5 (2009), las enmiendas propuestas se proporcionaron al Consejo Asesor de Imágenes Médicas y Radioterapia (“MIRTAC” por sus siglas en inglés) en su reunión del 20 de diciembre de 2019. El MIRTAC ha dado su consentimiento a las enmiendas. Por último, la EIB tiene autoridad para enmendar el Reglamento de Protección Radiológica, 20.3.20 NMAC, según lo dispuesto en la Sección 61-14E-5 y NMSA 1978, Sección 74-1-8(A)(12) (2020).

Una copia de las enmiendas propuestas está publicada en el sitio web de la EIB como anexos a la Petición bajo el número de expediente EIB 21-56. <https://www.env.nm.gov/opf/docketed-matters/>

Para obtener una copia impresa o una copia electrónica de las enmiendas propuestas, comuníquese con Pamela Jones, administradora de la Junta, P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, NM, 87502; Pamela.Jones@state.nm.us; (505) 660-4305. En su correspondencia haga referencia al número de expediente EIB 21-56.

La audiencia se llevará a cabo de acuerdo con los Procedimientos de Reglamentación de la EIB que se encuentran en 20.1.1 NMAC, la Ley de Mejora Ambiental, NMSA 1978, Sección 74-1-9 (1985), y otros procedimientos y órdenes de procedimiento aplicables. Los comentarios por escrito relativos a las enmiendas propuestas se publicarán en la página del expediente en <https://www.env.nm.gov/opf/docketed-matters/> y también podrán obtenerse comunicándose con Pamela Jones, administradora de la EIB, en la información de contacto indicada anteriormente.

Todas las personas interesadas tendrán una oportunidad razonable durante la audiencia para presentar pruebas, datos, puntos de vista y argumentos pertinentes, oralmente o por escrito, presentar pruebas instrumentales e interrogar a los testigos. Toda persona que desee presentar una declaración no técnica por escrito para que conste en acta en lugar de un testimonio oral deberá presentar dicha declaración antes del cierre de la audiencia por correo electrónico a: [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us).

Las personas que deseen presentar un testimonio técnico deben presentar a la EIB un aviso por escrito de su intención de hacerlo. Los avisos de intención para la audiencia deben ser recibidos por la EIB a más tardar hasta las 5:00 p.m., MST, del 4 de marzo de 2022, y deben hacer referencia al nombre de los reglamentos, la fecha de la audiencia (25 de marzo de 2022) y el número de expediente EIB 21-56.

Los requisitos para un aviso de intención se encuentran en 20.1.1.302 NMAC.

El aviso de intención deberá:

- (1) identificar a la persona para la que el testigo o testigos darán testimonio;
- (2) identificar cada uno de los testigos técnicos que la persona tiene intención de presentar e indicar las cualificaciones de dicho testigo, incluida una descripción de su historial educativo y laboral;
- (3) si la audiencia se lleva a cabo en varios lugares, indicar el lugar o lugares en los que estarán presentes los testigos;
- (4) incluir una copia del testimonio directo de cada testigo técnico en forma narrativa;
- (5) incluir el texto de cualquier modificación recomendada al propuesto cambio reglamentario; y
- (6) enumerar y adjuntar todas las pruebas instrumentales que se prevé que esa persona presentará en la audiencia, incluida cualquier declaración propuesta de motivos para la adopción de las normas.

Si usted tiene una discapacidad y necesita asistencia o ayuda auxiliar, por ejemplo, un intérprete de lenguaje de signos, para participar en cualquier aspecto de este proceso, comuníquese con Pamela Jones, administradora de la Junta, al menos 14 días antes de la fecha de la audiencia en P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, NM, 87502; teléfono (505) 660-4305 o correo electrónico Pamela.Jones@state.nm.us. (TDD o TTY) los usuarios pueden acceder al número a través de la Red de Retransmisión de Nuevo México, 1-800-659-1779 (voz); usuarios de TTY: 1-800-659-8331).

La EIB podrá tomar una decisión sobre los cambios reglamentarios propuestos al término de la audiencia o podrá convocar una reunión después de la audiencia para considerar la adopción de medidas sobre la propuesta.

#### DECLARACIÓN DE NO DISCRIMINACIÓN

NMED no discrimina por motivos de raza, color, nacionalidad, discapacidad, edad o sexo en la administración de sus programas o actividades, como lo exigen las leyes y reglamentos aplicables.

NMED es responsable de la coordinación de los esfuerzos de cumplimiento y la recepción de consultas sobre los requisitos de no discriminación implementados por 40 C.F.R. Partes 5 y 7, incluido el Título VI de la Ley de Derechos Civiles de 1964, según enmendada; Sección 504 de la Ley de rehabilitación de 1973; la Ley de Discriminación por Edad de 1975, el Título IX de las Enmiendas de Educación de 1972 y la Sección 13 de las Enmiendas de la Ley Federal de Control de la Contaminación del Agua de 1972. Si tiene alguna pregunta sobre este aviso o cualquiera de los programas, políticas o procedimientos de no discriminación de NMED, puede comunicarse con:

Kathryn Becker, coordinadora de no discriminación | NMED | 1190 St. Francis Dr., Suite N4050 | P.O. Box 5469 | Santa Fe, NM 87502 | (505) 827-2855 o [nd.coordinator@state.nm.us](mailto:nd.coordinator@state.nm.us)

Si cree que ha sido discriminado con respecto a un programa o actividad de NMED, puede comunicarse con la coordinadora de no discriminación identificada más arriba o visitar nuestro sitio web en <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> para aprender cómo y dónde presentar una queja de discriminación.

## Public Notice

Published in Albuquerque Journal on December 26, 2021

### Location

Bernalillo County, New Mexico

### Notice Text

NEW MEXICO ENVIRONMENTAL IMPROVEMENT BOARD NOTICE OF PUBLIC HEARING TO CONSIDER PROPOSED AMENDMENTS TO 20.3.20 NMAC OF THE RADIATION PROTECTION REGULATIONS EIB 21-56 The Environmental Improvement Board ("EIB") will hold a public hearing March 25, 2022 beginning at 9:00 a.m. MDT via internet (Zoom) and via telephone. If you would like to join the video conference online, go to: <https://zoom.us/j/97661947432?pwd=N0xqMFIFcVpInk11RHJPOUgwcUNHQT09> When prompted, the meeting ID number is: 976 6194 7432 The password is: 491774 If you would like to join the meeting thru a telephone, please call: +12532158782,,97661947432#,,,,\*491774# US (Tacoma) +13462487799,,97661947432#,,,,\*491774# US (Houston) Dial by your location +1 253 215 8782 US (Tacoma) +1 346 248 7799 US (Houston) +1 408 638 0968 US (San Jose) +1 669 900 6833 US (San Jose) +1 646 876 9923 US (New York) +1 301 715 8592 US (Washington DC) +1 312 626 6799 US (Chicago) Meeting ID: 976 6194 7432Passcode: 491774 Find your local number: <https://zoom.us/j/97661947432?pwd=N0xqMFIFcVpInk11RHJPOUgwcUNHQT09> Comments will be received via electronic mail through the conclusion of the hearing. To comment via electronic mail, send correspondence to: Pamela.Jones@state.nm.us. The hearing is being held via internet, email and telephonic means due to the concerns surrounding the Novel Coronavirus ("COVID-19") and in accord with Governor Michelle Lujan Grisham's Declaration of a Public Health Emergency in Executive Order 2020-004, and subsequent executive orders; various Public Health Emergency Orders limiting mass gatherings due to COVID-19; and the Office of the Attorney General's Open Government Division's Guidance to Public Entities Regarding the Open Meetings Act and Inspection of Public Records Act Compliance During COVID-19 State of Emergency. At the public hearing the EIB will consider proposed amendments to 20.3.20 NMAC "Medical Imaging and Radiation Therapy Licensure", as proposed in the Petition to Amend 20.3.20 NMAC of the Radiation Protection Regulations and Request for Hearing ("Petition"), docket number EIB 21-56. The Petition has been filed by the Radiation Control Bureau ("Bureau") of the New Mexico Environment Department ("NMED"). The proposed amendments consist of the addition of a Computed Tomography ("CT") license and clarification of the requirements and scope of practice for the Provisional License. The Bureau will also take this opportunity to clarify existing requirements and fix minor and typographical errors. The addition of a CT license will maximize the protection practicable for the citizens of New Mexico from ionizing radiation in the practice of CT imaging by establishing requirements for appropriate education and training of these individuals operating CT medical equipment. Please note that formatting and minor technical changes in the regulations other than those proposed by NMED may be considered at the hearing. In addition, the EIB may make other changes as necessary to accomplish the purpose of protecting public health and safety in response to public comments and evidence presented at the hearing. The administration and enforcement of the Medical Imaging and Radiation Therapy Health and Safety Act, NMSA 1978, Sections 61-14E-1 to -12 (1983, as amended through 2020) ("Act") and corresponding regulations is vested in NMED. NMSA 1978, 61-14E-6. Pursuant to NMSA 1978, Section 74-1-7(A)(12) (2000), NMED has the authority to develop and enforce rules and standards for medical radiation, health and safety certification and standards for radiologic technologists. Pursuant to NMSA 1978, Section 61-14E-5 (2009), the proposed amendments were provided to the Medical Imaging and Radiation Therapy Advisory Council ("MIRTAC") at its December 20, 2019 meeting. The MIRTAC has consented to the amendments. Finally, the EIB has the authority to amend the Radiation Protection Regulations, 20.3.20 NMAC, as provided by Section 61-14E-5 and NMSA 1978, Section 74-1-8(A)(12) (2020). A copy of the proposed amendments is posted on the EIB website as attachments to the Petition under docket number EIB 21-56. <https://www.env.nm.gov/opf/docketed-matters/> To obtain a physical or electronic copy of the proposed amendments contact: Pamela Jones, Board Administrator, P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, New Mexico, 87502; Pamela.Jones@state.nm.us; (505) 660-4305. In your correspondence reference docket number EIB 21-56. The hearing will be conducted in accordance with the EIB's Rulemaking Procedures found at 20.1.1 NMAC, the Environmental Improvement Act, NMSA 1978, Section 74-1-9 (1985), and other applicable procedures and procedural orders. Written comments regarding the proposed amendments will be posted on the docket page at <https://www.env.nm.gov/opf/docketed-matters/> and may also be obtained from Pamela Jones, EIB Administrator, at the contact information listed above. All interested persons will be given reasonable opportunity at the hearing to submit relevant evidence, data, views and arguments, orally or in writing, to introduce exhibits, and to examine witnesses. Any person who wishes to submit a non-technical written statement for the record in lieu of oral testimony must file such statement prior to the close of the hearing via electronic mail to: Pamela.Jones@state.nm.us. Persons wishing to present

technical testimony must file with the EIB a written notice of intent to do so. Notices of intent for the hearing must be received by the EIB by 5:00 p.m. MST on March 4, 2022, and should reference the name of the regulations, the date of the hearing (March 25, 2022), and docket number EIB 21-56. The requirements for a notice of intent can be found in 20.1.1.302 NMAC. The notice of intent shall: (1) identify the person for whom the witness(es) will testify; (2) identify each technical witness the person intends to present and state the qualifications of that witness, including a description of their educational and work background; (3) if the hearing will be conducted at multiple locations, indicate the location or locations at which

the witnesses will be present; (4) include a copy of the direct testimony of each technical witness in narrative form; (5) include the text of any recommended modifications to the proposed regulatory change; and (6) list and attach all exhibits anticipated to be offered by that person at the hearing, including any proposed statement of reasons for adoption of rules. If you are an individual with a disability and you require assistance or an auxiliary aid, e.g., sign language interpreter, to participate in any aspect of this process, please contact Pamela Jones, Board Administrator, at least 14 days prior to the hearing date at P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, New Mexico, 87502, telephone (505) 660-4305 or email Pamela.Jones@state.nm.us. (TDD or TTY) users please access the number via the New Mexico Relay Network, 1-800-659-1779 (voice); TTY users: 1-800-659-8331). The EIB may make a decision on the proposed regulatory changes at the conclusion of the hearing or may convene a meeting after the hearing to consider action on the proposal. STATEMENT OF NON-DISCRIMINATION NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations. NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Parts 5 and 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, you may contact: Kathryn Becker, Non-Discrimination Coordinator, New Mexico Environment Department, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@state.nm.us. If you believe that you have been discriminated against with respect to a NMED program or activity, you may contact the Non-Discrimination Coordinator identified above or visit our website at <https://www.env.nm.gov/nonemployee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination. Journal: December 26, 2021

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**Customer Email**

**PO Number** 66700-0000037069

**Ad Cost** \$523.88

**Sales Rep** erodriguez

**Tax Amount** \$41.26

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**Total Amount** \$565.14

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**Amount Due** \$565.14

**Payment Amount** \$0.00

**Affidavits** 0

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**Product** Albuquerque Journal

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**Ad Number** 0001534210-01

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**NEW MEXICO ENVIRONMENTAL IMPROVEMENT BOARD NOTICE  
OF PUBLIC HEARING TO CONSIDER PROPOSED AMENDMENTS TO 20.3.20 NMAC OF  
THE RADIATION PROTECTION REGULATIONS  
EIB 21-56**

The Environmental Improvement Board ("EIB") will hold a public hearing March 25, 2022 beginning at 9:00 a.m. MDT via internet (Zoom) and via telephone.

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<https://zoom.us/j/97661947432?pwd=NOxqMFJFcVpNk11RHJPOUgwcUNHQ09>  
When prompted, the meeting ID number is: 976 6194 7432  
The password is: 491774

If you would like to join the meeting thru a telephone, please call:  
+12532158782, 97661947432#,,,,\*491774# US (Tacoma)  
+13462487799, 97661947432#,,,,\*491774# US (Houston)

Dial by your location

- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 408 638 0968 US (San Jose)
- +1 669 900 6833 US (San Jose)
- +1 646 876 9923 US (New York)
- +1 301 715 8592 US (Washington DC)
- +1 312 626 6799 US (Chicago)

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The requirements for a notice of intent can be found in 20.1.1.302 NMAC.

The notice of intent shall:

- (1) identify the person for whom the witness(es) will testify;
- (2) identify each technical witness the person intends to present and state the qualifications of that witness, including a description of their educational and work background;
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The EIB may make a decision on the proposed regulatory changes at the conclusion of the hearing or may convene a meeting after the hearing to consider action on the proposal.

#### **STATEMENT OF NON-DISCRIMINATION**

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NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Parts 5 and 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, you may contact:

Kathryn Becker, Non-Discrimination Coordinator, New Mexico Environment Department, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@state.nm.us.

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Journal: December 26, 2021

## Public Notice

Published in Albuquerque Journal on December 26, 2021

### Location

Bernalillo County, New Mexico

### Notice Text

AVISO DE LA JUNTA DE MEJORA AMBIENTAL DE NUEVO MEXICO DE UNA AUDIENCIA PUBLICA PARA CONSIDERAR LAS ENMIENDAS PROPUESTAS A 20.3.20 NMAC DEL REGLAMENTO DE PROTECCION RADIOLÓGICA EIB 21-56 La Junta de Mejora Ambiental ("EIB" por sus siglas en inglés) celebrará una audiencia pública el 25 de marzo de 2022 a partir de las 9:00 a.m., MDT, por Internet (Zoom) y por teléfono. Si desea unirse a la videoconferencia en línea, vaya a <https://zoom.us/j/97661947432?pwd=N0xqMFIFcVpINk11RHJPOUgwcUNHOT09> Cuando se le solicite, marque el número de identificación de la reunión: 976 6194 7432 La contraseña es: 491774 Si desea unirse a la reunión a través de un teléfono llame al: +12532158782, 97661947432#,,,,\*491774# US (Tacoma) +13462487799, 97661947432#,,,,\*491774# US (Houston) Marque por su ubicación +1 253 215 8782 US (Tacoma) +1 346 248 7799 US (Houston) +1 408 638 0968 US (San Jose) +1 669 900 6833 US (San Jose) +1 646 876 9923 US (New York) +1 301 715 8592 US (Washington DC) +1 312 626 6799 US (Chicago) Identificación de la reunión: 976 6194 7432 Código de acceso: 491774 Encuentre su número local: <https://zoom.us/j/a8MLJtGpY> Se recibirán comentarios por correo electrónico hasta la conclusión de la audiencia. Para hacer comentarios por correo electrónico, envíe la correspondencia a Pamela.Jones@state.nm.us. La audiencia se va a llevar a cabo a través de Internet, correo electrónico y medios telefónicos debido a las preocupaciones que rodean al Nuevo Coronavirus ("COVID-19") y de acuerdo con la Declaración de Emergencia de Salud Pública de la gobernadora Michelle Lujan Grisham en la Orden Ejecutiva 2020-004, y órdenes ejecutivas posteriores; varias órdenes de emergencia de salud pública que limitan las reuniones masivas debido al COVID-19; y la Guía de la División de Gobierno Abierto de la Oficina del Procurador General para Entidades Públicas con respecto a la Ley de Reuniones Abiertas y el Cumplimiento de la Ley de Inspección de Registros Públicos durante el Estado de Emergencia COVID-19. En la audiencia pública, la EIB considerará las enmiendas propuestas a 20.3.20 NMAC "Licencia de Imágenes Médicas y Radioterapia", según lo propuesto en la Petición para Enmendar 20.3.20 NMAC del Reglamento de Protección Radiológica y Solicitud de Audiencia ("Petición"), número de expediente EIB 21-56. La Petición ha sido presentada por la Oficina de Control de Radiación ("Oficina") del Departamento de Medio Ambiente de Nuevo México ("NMED" por sus siglas en inglés). Las modificaciones propuestas consisten en la adición de una Licencia de Tomografía Computarizada ("CT" por sus siglas en inglés) y la aclaración de los requisitos y el alcance de la práctica para la Licencia Provisional. La Oficina también aprovechará esta oportunidad para aclarar los requisitos existentes y corregir errores menores y tipográficos. La adición de una licencia TC maximizará la protección viable para los ciudadanos de Nuevo México contra la radiación ionizante en la práctica de obtención de imágenes de TC mediante el establecimiento de requisitos para la educación y la capacitación adecuadas de estas personas que operan equipos médicos de TC. Tenga en cuenta que el formato y los cambios técnicos menores en el reglamento distintos de los propuestos por el NMED pueden ser considerados durante la audiencia. Además, la EIB puede realizar otros cambios según sea necesario para cumplir el propósito de proteger la salud y la seguridad pública en respuesta a los comentarios públicos y las pruebas presentadas en la audiencia. La administración y el cumplimiento de la Ley de Salud y Seguridad de Imágenes Médicas y Radioterapia, NMSA 1978, Secciones 61-14E-1 a -12 (1983, enmendada hasta 2020) ("Ley") y los reglamentos correspondientes se confieren al NMED. NMSA 1978, 61-14E-6. De conformidad con NMSA 1978, Sección 74-1-7(A)(12) (2000), el NMED tiene autoridad para desarrollar y hacer cumplir las normas y estándares de radiación médica, la certificación de salud y seguridad y los estándares para tecnologías radiológicas. De acuerdo con NMSA 1978, Sección 61-14E-5 (2009), las enmiendas propuestas se proporcionaron al Consejo Asesor de Imágenes Médicas y Radioterapia ("MIRTAC" por sus siglas en inglés) en su reunión del 20 de diciembre de 2019. El MIRTAC ha dado su consentimiento a las enmiendas. Por último, la EIB tiene autoridad para enmendar el Reglamento de Protección Radiológica, 20.3.20 NMAC, según lo dispuesto en la Sección 61-14E-5 y NMSA 1978, Sección 74-1-8(A)(12) (2020). Una copia de las enmiendas propuestas está publicada en el sitio web de la EIB como anexos a la Petición bajo el número de expediente EIB 21-56. <https://www.env.nm.gov/opf/docketed-matters/> Para obtener una copia impresa o una copia electrónica de las enmiendas propuestas, comuníquese con Pamela Jones, administradora de la Junta, P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, NM, 87502; Pamela.Jones@state.nm.us; (505) 660-4305. En su correspondencia haga referencia al número de expediente EIB 21-56. La audiencia se llevará a cabo de acuerdo con los Procedimientos de Reglamentación de la EIB que se encuentran en 20.1.1 NMAC, la Ley de Mejora Ambiental, NMSA 1978, Sección 74-1-9 (1985), y otros procedimientos y órdenes de procedimiento aplicables. Los comentarios por escrito relativos a las enmiendas propuestas se publicarán en la página del expediente en <https://www.env.nm.gov/opf/docketed-matters/> y también podrá obtenerse comunicándose con Pamela Jones, administradora de la EIB, en la información de contacto indicada anteriormente. Todas las personas



Pamela Jones, administradora de la EIB, en la información de contacto indicada anteriormente. Todas las personas interesadas tendrán una oportunidad razonable durante la audiencia para presentar pruebas, datos, puntos de vista y argumentos pertinentes, oralmente o por escrito, presentar pruebas instrumentales e interrogar a los testigos. Toda persona que desee presentar una declaración no técnica por escrito para que conste en acta en lugar de un testimonio oral deberá presentar dicha declaración antes del cierre de la audiencia por correo electrónico a: Pamela.Jones@state.nm.us. Las personas que deseen presentar un testimonio técnico deben presentar a la EIB un aviso por escrito de su intención de hacerlo. Los

aviso de intención para la audiencia deben ser recibidos por la EIB a más tardar hasta las 5:00 p.m., MST, del 4 de marzo de 2022, y deben hacer referencia al nombre de los reglamentos, la fecha de la audiencia (25 de marzo de 2022) y el número de expediente EIB 21-56. Los requisitos para un aviso de intención se encuentran en 20.1.1.302 NMAC. El aviso de intención deberá: (1) identificar a la persona para la que el testigo o testigos darán testimonio; (2) identificar cada uno de los testigos técnicos que la persona tiene intención de presentar e indicar las cualificaciones de dicho testigo, incluida una descripción de su historial educativo y laboral; (3) si la audiencia se lleva a cabo en varios lugares, indicar el lugar o lugares en los que estarán presentes los testigos; (4) incluir una copia del testimonio directo de cada testigo técnico en forma narrativa; (5) incluir el texto de cualquier modificación recomendada al propuesto cambio reglamentario; y (6) enumerar y adjuntar todas las pruebas instrumentales que se prevé que esa persona presentará en la audiencia, incluida cualquier declaración propuesta de motivos para la adopción de las normas. Si usted tiene una discapacidad y necesita asistencia o ayuda auxiliar, por ejemplo, un intérprete de lenguaje de signos, para participar en cualquier aspecto de este proceso, comuníquese con Pamela Jones, administradora de la Junta, al menos 14 días antes de la fecha de la audiencia en P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, NM, 87502; tel fono (505) 660-4305 o correo electrónico Pamela.Jones@state.nm.us. (TDD o TTY) los usuarios pueden acceder al número a través de la Red de Retransmisión de Nuevo México, 1-800-659-1779 (voz); usuarios de TTY: 1-800-659-8331). La EIB podrá tomar una decisión sobre los cambios reglamentarios propuestos al término de la audiencia o podrá convocar una reunión después de la audiencia para considerar la adopción de medidas sobre la propuesta.

**DECLARACIÓN DE NO DISCRIMINACIÓN** NMED no discrimina por motivos de raza, color, nacionalidad, discapacidad, edad o sexo en la administración de sus programas o actividades, como lo exigen las leyes y reglamentos aplicables. NMED es responsable de la coordinación de los esfuerzos de cumplimiento y la recepción de consultas sobre los requisitos de no discriminación implementados por 40 C.F.R. Partes 5 y 7, incluido el Título VI de la Ley de Derechos Civiles de 1964, según enmendada; Sección 504 de la Ley de rehabilitación de 1973; la Ley de Discriminación por Edad de 1975, el Título IX de las Enmiendas de Educación de 1972 y la Sección 13 de las Enmiendas de la Ley Federal de Control de la Contaminación del Agua de 1972. Si tiene alguna pregunta sobre este aviso o cualquiera de los programas, políticas o procedimientos de no discriminación de NMED, puede comunicarse con: Kathryn Becker, coordinadora de no discriminación | NMED | 1190 St. Francis Dr., Suite N4050 | P.O. Box 5469 | Santa Fe, NM 87502 | (505) 827-2855 o nd.coordinator@state.nm.us Si cree que ha sido discriminado con respecto a un programa o actividad de NMED, puede comunicarse con la coordinadora de no discriminación identificada más arriba o visitar nuestro sitio web en <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> para aprender cómo y dónde presentar una queja de discriminación. Journal: December 26, 2021

ALBUQUERQUE PUBLISHING COMPANY

7777 Jefferson St. NE, Albuquerque, NM 87109

**Account Number**

1009602

**Ad Order Number**

0001534213

**Ad Proof/Order Confirmation**

N M DEPT ENVIRONMENT  
OFFICE OF GENERAL COUNSEL  
1190 ST FRANCIS DR STE N4050  
SANTA FE, NM 87501 USA

**Ordered By** Ray Romero

**Customer Phone** 5058272990

**Joint Ad #**

**Customer Email**

**PO Number** 66700-0000037069

**Ad Cost** \$573.44

**Sales Rep** erodriguez

**Tax Amount** \$45.16

**Order Taker** erodriguez

**Total Amount** \$618.60

**Payment Method** Credit Card

**Amount Due** \$618.60

**Payment Amount** \$0.00

**Affidavits** 0

**Pick Up #** 0001534210

**Product** Albuquerque Journal

**Placement** 0Legal Notices

**Ad Number** 0001534213-01

**Classification** 0Government

**Ad Type** 0 Legals Multi Col

**Sort Text** AVISODELAJUNTADEMEJORAAMBIE  
NTALDENEUVOMEXICODEUNA AUDIE  
NCIAPUBLICAPARA CONSIDERARLAS  
ENMIENDAS PROPUESTAS A 20320NM  
ACDELREGLAMENTO DE PROTEC

**Ad Size** 3 X 16.25"

**Color**

**Run Date**

12/26/2021

12/26/2021

12/26/2021

**WYSIWYG Content**



**AVISO DE LA JUNTA DE MEJORA AMBIENTAL DE NUEVO MÉXICO  
DE UNA AUDIENCIA PÚBLICA PARA CONSIDERAR LAS ENMIENDAS PROPUESTAS A 2  
0.3.20 NMAC DEL REGLAMENTO DE PROTECCIÓN RADIOLÓGICA  
EIB 21-56**

La Junta de Mejora Ambiental ("EIB" por sus siglas en inglés) celebrará una audiencia pública el 25 de marzo de 2022 a partir de las 9:00 a.m., MDT, por Internet (Zoom) y por teléfono.

Si desea unirse a la videoconferencia en línea, vaya a <https://zoom.us/j/97661947432?pwd=N0xqMFIcVpNk11RHJPOUgwcUNHQT09>  
Cuando se le solicite, marque el número de identificación de la reunión: 976 6194 7432  
La contraseña es: 491774

Si desea unirse a la reunión a través de un teléfono llame al:  
+12532158782, 97661947432#,,,,\*491774# US (Tacoma)  
+13462487799, 97661947432#,,,,\*491774# US (Houston)

Marque por su ubicación

- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 408 638 0968 US (San Jose)
- +1 869 900 6833 US (San Jose)
- +1 646 876 9923 US (New York)
- +1 301 715 8592 US (Washington DC)
- +1 312 626 6799 US (Chicago)

Identificación de la reunión: 976 6194 7432

Código de acceso: 491774

Encuentre su número local: <https://zoom.us/j/97661947432>

Se recibirán comentarios por correo electrónico hasta la conclusión de la audiencia. Para hacer comentarios por correo electrónico, envíe la correspondencia a [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us).

La audiencia se va a llevar a cabo a través de Internet, correo electrónico y medios telefónicos debido a las preocupaciones que rodean al Nuevo Coronavirus ("COVID-19") y de acuerdo con la Declaración de Emergencia de Salud Pública de la gobernadora Michelle Lujan Grisham en la Orden Ejecutiva 2020-004, y órdenes ejecutivas posteriores; varias órdenes de emergencia de salud pública que limitan las reuniones masivas debido al COVID-19; y la Guía de la División de Gobierno Abierto de la Oficina del Procurador General para Entidades Públicas con respecto a la Ley de Reuniones Abiertas y el Cumplimiento de la Ley de Inspección de Registros Públicos durante el Estado de Emergencia COVID-19.

En la audiencia pública, la EIB considerará las enmiendas propuestas a 20.3.20 NMAC "Licencia de Imágenes Médicas y Radioterapia", según lo propuesto en la Petición para Enmendar 20.3.20 NMAC del Reglamento de Protección Radiológica y Solicitud de Audiencia ("Petición"), número de expediente EIB 21-56. La Petición ha sido presentada por la Oficina de Control de Radiación ("Oficina") del Departamento de Medio Ambiente de Nuevo México ("NME-D" por sus siglas en inglés). Las modificaciones propuestas consisten en la adición de una Licencia de Tomografía Computarizada ("CT" por sus siglas en inglés) y la aclaración de los requisitos y el alcance de la práctica para la Licencia Provisional. La Oficina también aprovechará esta oportunidad para aclarar los requisitos existentes y corregir errores menores y tipográficos. La adición de una licencia TC maximizará la protección viable para los ciudadanos de Nuevo México contra la radiación ionizante en la práctica de obtención de imágenes de TC mediante el establecimiento de requisitos para la educación y la capacitación adecuadas de estas personas que operan equipos médicos de TC. Tenga en cuenta que el formato y los cambios técnicos menores en el reglamento distintos de los propuestos por el NMED pueden ser considerados durante la audiencia. Además, la EIB puede realizar otros cambios según sea necesario para cumplir el propósito de proteger la salud y la seguridad pública en respuesta a los comentarios públicos y las pruebas presentadas en la audiencia.

La administración y el cumplimiento de la Ley de Salud y Seguridad de Imágenes Médicas y Radioterapia, NMSA 1978, Secciones 61-14E-1 a -12 (1983, enmendada hasta 2020) ("Ley") y los reglamentos correspondientes se confieren al NMED. NMSA 1978, § 61-14E-6. De conformidad con NMSA 1978, Sección 74-1-7(A)(12) (2000), el NMED tiene autoridad para desarrollar y hacer cumplir las normas y estándares de radiación médica, la certificación de salud y seguridad y los estándares para tecnólogos radiológicos.

De acuerdo con NMSA 1978, Sección 61-14E-5 (2009), las enmiendas propuestas se proporcionaron al Consejo Asesor de Imágenes Médicas y Radioterapia ("MIRTAC" por sus siglas en inglés) en su reunión del 20 de diciembre de 2019. El MIRTAC ha dado su consentimiento a las enmiendas. Por último, la EIB tiene autoridad para enmendar el Reglamento de Protección Radiológica, 20.3.20 NMAC, según lo dispuesto en la Sección 61-14E-5 y NMSA 1978, Sección 74-1-8(A)(12) (2020).

Una copia de las enmiendas propuestas está publicada en el sitio web de la EIB como anexos a la Petición bajo el número de expediente EIB 21-56. <https://www.env.nm.gov/opf/docketed-matters/>

Para obtener una copia impresa o una copia electrónica de las enmiendas propuestas, comuníquese con Pamela Jones, administradora de la Junta, P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, NM, 87502; [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us); (505) 660-4305. En su correspondencia haga referencia al número de expediente EIB 21-56.

La audiencia se llevará a cabo de acuerdo con los Procedimientos de Reglamentación de la EIB que se encuentran en 20.1.1 NMAC, la Ley de Mejora Ambiental, NMSA 1978, Sección 74-1-9 (1985), y otros procedimientos y órdenes de procedimiento aplicables. Los comentarios por escrito relativos a las enmiendas propuestas se publicarán en la página del expediente en <https://www.env.nm.gov/opf/docketed-matters/> y también podrán obtenerse comunicándose con Pamela Jones, administradora de la EIB, en la información de contacto indicada anteriormente.

Todas las personas interesadas tendrán una oportunidad razonable durante la audiencia para presentar pruebas, datos, puntos de vista y argumentos pertinentes, oralmente o por escrito, presentar pruebas instrumentales e interrogar a los testigos. Toda persona que desee presentar una declaración no técnica por escrito para que conste en acta en lugar de un testimonio oral

una declaración de intención por escrito para que compare en esta en lugar de un testimonio oral deberá presentar dicha declaración antes del cierre de la audiencia por correo electrónico a: Pamela.Jones@state.nm.us.

Las personas que deseen presentar un testimonio técnico deben presentar a la EIB un aviso por escrito de su intención de hacerlo. Los avisos de intención para la audiencia deben ser recibidos por la EIB a más tardar hasta las 5:00 p.m., MST, del 4 de marzo de 2022, y deben hacer referencia al nombre de los reglamentos, la fecha de la audiencia (25 de marzo de 2022) y el número de expediente EIB 21-56.

Los requisitos para un aviso de intención se encuentran en 20.1.1.302 NMAC.

El aviso de intención deberá:

- (1) identificar a la persona para la que el testigo o testigos darán testimonio;
- (2) identificar cada uno de los testigos técnicos que la persona tiene intención de presentar e indicar las cualificaciones de dicho testigo, incluida una descripción de su historial educativo y laboral;
- (3) si la audiencia se lleva a cabo en varios lugares, indicar el lugar o lugares en los que estarán presentes los testigos;
- (4) incluir una copia del testimonio directo de cada testigo técnico en forma narrativa;
- (5) incluir el texto de cualquier modificación recomendada al propuesto cambio reglamentario; y
- (6) enumerar y adjuntar todas las pruebas instrumentales que se prevé que esa persona presentará en la audiencia, incluida cualquier declaración propuesta de motivos para la adopción de las normas.

Si usted tiene una discapacidad y necesita asistencia o ayuda auxiliar, por ejemplo, un intérprete de lenguaje de signos, para participar en cualquier aspecto de este proceso, comuníquese con Pamela Jones, administradora de la Junta, al menos 14 días antes de la fecha de la audiencia en P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, NM, 87502; teléfono (505) 660-4305 o correo electrónico Pamela.Jones@state.nm.us. (TDD o TTY) los usuarios pueden acceder al número a través de la Red de Retransmisión de Nuevo México, 1-800-659-1779 (voz); usuarios de TTY: 1-800-659-8331).

La EIB podrá tomar una decisión sobre los cambios reglamentarios propuestos al término de la audiencia o podrá convocar una reunión después de la audiencia para considerar la adopción de medidas sobre la propuesta.

#### **DECLARACIÓN DE NO DISCRIMINACIÓN**

NMED no discrimina por motivos de raza, color, nacionalidad, discapacidad, edad o sexo en la administración de sus programas o actividades, como lo exigen las leyes y reglamentos aplicables.

NMED es responsable de la coordinación de los esfuerzos de cumplimiento y la recepción de consultas sobre los requisitos de no discriminación implementados por 40 C.F.R. Partes 5 y 7, incluido el Título VI de la Ley de Derechos Civiles de 1964, según enmendada; Sección 504 de la Ley de rehabilitación de 1973; la Ley de Discriminación por Edad de 1975, el Título IX de las Enmiendas de Educación de 1972 y la Sección 13 de las Enmiendas de la Ley Federal de Control de la Contaminación del Agua de 1972. Si tiene alguna pregunta sobre este aviso o cualquiera de los programas, políticas o procedimientos de no discriminación de NMED, puede comunicarse con:

Kathryn Becker, coordinadora de no discriminación | NMED | 1190 St. Francis Dr., Suite N4050 | P.O. Box 5469 (Santa Fe, NM 87502) | (505) 827-2855 o nd.coordinator@state.nm.us  
Si cree que ha sido discriminado con respecto a un programa o actividad de NMED, puede comunicarse con la coordinadora de no discriminación identificada más arriba o visitar nuestro sitio web en <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> para aprender cómo y dónde presentar una queja de discriminación.

Journal: December 26, 2021



**NEW MEXICO ENVIRONMENTAL IMPROVEMENT BOARD NOTICE OF PUBLIC HEARING TO CONSIDER PROPOSED AMENDMENTS TO 20.3.20 NMAC OF THE RADIATION PROTECTION REGULATIONS**  
EB 21-96

The Environmental Improvement Board ("EIB") will hold a public hearing March 25, 2022 beginning at 9:00 a.m. EDT via internet (Zoom) and via telephone.

If you would like to join the video conference online, go to: <https://zoom.us/j/5561341322?pwd=Zk9hZkF0bGhFRUJlUk9lUk9lUk9l>  
When prompted, the meeting ID number is: 576 8104 7432  
The password is: 491774

If you would like to join the meeting via a telephone, please call:  
+1 (203) 158782, 876819474329, ...4917748 US (Tacoma)  
+1 (848) 467 7799 US (Houston)  
+1 (848) 467 7799 US (San Jose)  
+1 (848) 467 7799 US (San Jose)  
+1 (848) 467 7799 US (New York)  
+1 (848) 467 7799 US (Washington DC)  
+1 (848) 467 7799 US (Chicago)

Meeting ID: 576 8104 7432  
Passcode: 491774  
Find your local number: <https://zoom.us/join/MTJgP/>

Comments will be received via electronic mail through the conclusion of the hearing. To comment via electronic mail, send correspondence to: [Patricia.Jones@state.nm.us](mailto:Patricia.Jones@state.nm.us).

The hearing is being held via internet, email and telephone means due to the concerns surrounding the Novel Coronavirus ("COVID-19") and in accord with Governor Michelle Lujan Grisham's Declaration of a Public Health Emergency in Executive Order 2020-004, and subsequent executive orders, various Public Health Emergency Orders limiting mass gatherings due to COVID-19, and the Office of the Attorney General's Open Government Division's Guidance to Public Entities Regarding the Open Meetings Act and Inspection of Public Records Act Compliance During COVID-19 State of Emergency.

At the public hearing the EIB will consider proposed amendments to 20.3.20 NMAC "Medical Imaging and Radiation Therapy Licensure", as proposed in the Petition to Amend 20.3.20 NMAC of the Radiation Protection Regulations and Request for Hearing ("Petition"), docket number EB 21-96. The Petition has been filed by the Radiation Control Bureau ("Bureau") of the New Mexico Environment Department ("NMED"). The proposed amendments consist of the addition of a Computed Tomography ("CT") license and certification of the requirements and scope of practice for the Professional License. The Bureau will also take this opportunity to clarify existing requirements and fix errors and typographical errors. The addition of a CT license will maximize the protection practicable for the citizens of New Mexico from ionizing radiation in the practice of CT imaging by establishing requirements for appropriate education and training of those individuals operating CT medical equipment. Please note that formatting and minor technical changes to the regulations other than those proposed by NMED may be considered at the hearing. In addition, the EIB may make other changes as necessary to accomplish the purpose of protecting public health and safety in response to public comments and evidence presented at the hearing.

The administration and enforcement of the Medical Imaging and Radiation Therapy Health and Safety Act, NMSA 1978, Sections 61-1A-E-1 to -12 (1983, as amended through 2020) ("ACT") and corresponding regulations is vested in NMED, NMSA 1978, § 61-1A-E-2. Pursuant to NMSA 1978, Section 74-1-7(A)(12) (2020), NMED has the authority to develop and enforce rules and standards for medical radiation, health and safety certification and standards for radiologic technologists.

Pursuant to NMSA 1978, Section 61-1A-E-5 (2020), the proposed amendments were provided to the Medical Imaging and Radiation Therapy Advisory Council ("MIRTAC") on December 20, 2019 meeting. The MIRTAC has consented to the amendments. Finally, the EIB has the authority to amend the Radiation Protection Regulations, 20.3.20 NMAC, as provided by Section 61-1A-E-5 and NMSA 1978, Section 74-1-8(A)(10) (2020).

A copy of the proposed amendments is posted on the EIB website as attachments to the Petition under docket number EB 21-96. <https://www.env.nm.gov/radiation-docket-matters/>

To obtain a physical or electronic copy of the proposed amendments contact: Patricia Jones, Board Administrator, P.O. Box 5499, 1190 St. Francis Drive, Suite 5-2103, Santa Fe, New Mexico, 87502. [Patricia.Jones@state.nm.us](mailto:Patricia.Jones@state.nm.us), (505) 850-4325. In your correspondence reference docket number EB 21-96.

The hearing will be conducted in accordance with the EIB's Rulemaking Procedures found at 20.1.1 NMAC, the Environmental Improvement Act, NMSA 1978, Section 74-1-3 (1985), and other applicable procedural and procedural rules. Written comments regarding the proposed amendments will be posted on the docket page at <https://www.env.nm.gov/radiation-docket-matters/> and may also be obtained from Patricia Jones, EIB Administrator, at the contact information listed above.

All interested persons will be given reasonable opportunity at the hearing to submit relevant evidence, data, views and arguments, orally or in writing, to introduce exhibits, and to examine witnesses. Any person who wishes to submit a non-technical written statement for the record in lieu of oral testimony must file such statement prior to the close of the hearing via electronic mail to: [Patricia.Jones@state.nm.us](mailto:Patricia.Jones@state.nm.us).

Persons wishing to present technical testimony must file with the EIB a written notice of intent to do so. Notices of intent for the hearing must be received by the EIB by 5:00 p.m. MST on March 4, 2022, and should reference the name of the regulations, the date of the hearing (March 25, 2022), and docket number EB 21-96.

The requirements for a notice of intent can be found in 20.1.1.3(2) NMAC. The notice of intent shall:

- (1) identify the person for whom the witness(es) will testify;
- (2) identify each technical witness the person intends to present and state the qualifications of that witness, including a description of their educational and work background;
- (3) if the hearing will be conducted at multiple locations, indicate the location or locations at which the witnesses will be present;
- (4) include a copy of the direct testimony of each technical witness in narrative form;
- (5) include the fact of any recommended modifications to the proposed regulatory change; and
- (6) list and attach all exhibits anticipated to be offered by that person at the hearing, including any proposed statement of reasons for adoption of rules.

If you are an individual with a disability and you require assistance or an auxiliary aid, e.g., sign language interpreter, to participate in any aspect of the process, please contact Patricia Jones, Board Administrator, at least 14 days prior to the hearing date at P.O. Box 5499, 1190 St. Francis Drive, Suite 5-2103, Santa Fe, New Mexico, 87502; telephone (505) 850-4325 or email [Patricia.Jones@state.nm.us](mailto:Patricia.Jones@state.nm.us). (TDD or TTY) users please access the number via the New Mexico Relay Network, 1-800-859-1779 (voice); TTY users: 1-800-859-4321.

The EIB may make a decision on the proposed regulatory changes at the conclusion of the hearing or may convene a meeting after the hearing to consider action on the proposal.

**STATEMENT OF NON-DISCRIMINATION**

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations.

NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements, implemented by 43 C.F.R. Parts 5 and 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1972; the Age Discrimination Act of 1975; Title IX of the Education Amendments of 1972; and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or [www.nm.gov](http://www.nm.gov), please contact the NMED Office of Compliance, at the address above.

**AFFIDAVIT OF PUBLICATION**

STATE OF NEW MEXICO

County of Bernalillo ss

Elise Rodriguez, the undersigned, authorized Representative of the Albuquerque Journal, on oath states that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, that payment therefore has been made of assessed as court cost; and that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 time(s) on the following date(s):

12/26/2021



*Christina White*

Sworn and subscribed before me, a Notary Public, in and for the County of Bernalillo and State of New Mexico this 27 day of December of 2021

PRICE \$565.14  
Statement to come at the end of month.  
ACCOUNT NUMBER 1009602

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AMENDMENTSTO2032  
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ULATIONSEIB



AVISO DE LA JUNTA DE MEJORA AMBIENTAL DE NUEVO MÉXICO DE UNA AUDIENCIA PÚBLICA PARA CONSIDERAR LAS ENMIENDAS PROPUESTAS A 20.3.20 NMAC DEL REGLAMENTO DE PROTECCIÓN RADIOLOGICA EB 21-66

La Junta de Mejora Ambiental (EIA) por sus siglas en inglés, celebrará una audiencia pública el 25 de marzo de 2022 a partir de las 9:00 a.m., MDT, por Internet (Zoom) y por teléfono. Si desea unirse a la videconferencia en línea, visite a https://zoom.us/j/7601744329?pwd=NmZlMkZlY0RlTHhPUUJpUklnMjRl

Si desea unirse a la reunión a través de un teléfono fijo en: +1252106782 (Miami) / +491744 US (Texas) / +1362497799 (Houston) / +1202315312 US (Tucson) / +13482487796 US (Houston) / +14086380366 US (San Jose) / +16098008653 US (San Jose) / +14083763953 US (New York) / +13017158582 US (Washington DC) / +13126268796 US (Chicago)

Identificación de la reunión: 975 6794 7432 Código de acceso: 491774 Enlace de la reunión: https://zoom.us/j/7601744329

Se recibirán comentarios por correo electrónico hasta la conclusión de la audiencia. Para hacer comentarios por correo electrónico, envíe su correspondencia a Pamela.Jones@state.nm.us.

La audiencia se ve a través de Internet, como electrónico y medios telefónicos de acuerdo a las precauciones que rodean el Nuevo Coronavirus (COVID-19) y de acuerdo con la Declaración de Emergencia de Salud Pública de la gobernadora Michelle Lujan Grisham en la Orden Ejecutiva 2022-04, y órdenes ejecutivas posteriores, estas acciones de emergencia de salud pública que limitan las actividades nuevas debido al COVID-19, y la Guía de la División de Salud Pública de la Oficina del Procurador General para Entidades Públicas con respecto a la Ley de Reuniones Abiertas y el Cumplimiento de la Ley de Inspección de Registros Públicos durante el Estado de Emergencia COVID-19.

En la audiencia pública, la EIA considerará las enmiendas propuestas a 20.3.20 NMAC "Licencia de Imágenes Médicas y Radioterapia", según lo propuesto en la Petición para Enmienda 20.3.20 NMAC del Reglamento de Protección Radiológica y Seguridad de Radiación ("Petición"), número de expediente EB 21-66. La Petición ha sido presentada por la Oficina de Control de Radiación ("OCR") del Departamento de Medio Ambiente de Nuevo México (NMEMD) por sus siglas en inglés). Las modificaciones propuestas consisten en la adición de una Licencia de Tomografía Computarizada (TC) por sus siglas en inglés) y la reducción de los requisitos y el alcance de la licencia para la Licencia Provisional. La OCR también proporciona esta oportunidad para revisar los registros existentes y corregir errores menores y aprobarlos. La adición de una licencia TC mejorará la protección viable para los ciudadanos de Nuevo México contra la radiación ionizante en la práctica de obtención de imágenes de TC mediante el establecimiento de requisitos para la educación y la capacitación adecuadas de estas personas que operan equipos médicos de TC. Tenga en cuenta que el formato y los cambios técnicos sugeridos en el reglamento de las propuestas por el NMEMD pueden ser considerados durante la audiencia. Además, la EIA puede realizar otros cambios según sea necesario para cumplir el propósito de proteger la salud y la seguridad pública en respuesta a los comentarios públicos y las pruebas presentadas en la audiencia.

La administración y el cumplimiento de la Ley de Salud y Seguridad de Profesionales Médicos y Radioterapia, NMSA 1978, Secciones 61-14E-1 a 61-14E-5 (1984, enmendada hasta 2020) (Ley) y los reglamentos correspondientes se continúan al NMEMD, NMSA 1978, 61-14E-4. De conformidad con NMSA 1978, Sección 74-1-1(A)(12) (2007), el NMEMD tiene autoridad para desarrollar y hacer cumplir las normas y estándares de idoneidad médica, la certificación de salud y seguridad y los estándares para tecnologías radiológicas.

De acuerdo con NMSA 1978, Sección 61-14E-5 (2006), las enmiendas propuestas se prepararon con el Consejo Asesor de Profesionales Médicos y Radioterapia (MARTAC) por sus siglas en inglés) en su reunión del 20 de diciembre de 2019. El MARTAC ha dado su consentimiento a las enmiendas. Por último, la EIA tiene autoridad para enmendar el Reglamento de Protección Radiológica, 20.3.20 NMAC, según lo dispuesto en la Sección 61-14E-5 y NMSA 1978, Sección 74-1-1(A)(12) (2007).

Una copia de las enmiendas propuestas está publicada en el sitio web de la EIA como anexos a la Petición bajo el número de expediente EB 21-66. https://www.ani.nm.gov/officeofradiation/

Para obtener una copia impresa o una copia electrónica de las enmiendas propuestas, comuníquese con Pamela Jones, administradora de la Junta, P.O. Box 5493, 1190 St. Francis Drive, Suite 5-2103, Santa Fe, NM, 87502; Pamela.Jones@state.nm.us; (505) 860-4305. En su correspondencia haga referencia al número de expediente EB 21-66.

La audiencia se llevará a cabo de acuerdo con los Procedimientos de Reglamentación de la EIA que se encuentran en 20.1.1 NMAC, la Ley de Mejora Ambiental, NMSA 1978, Sección 74-9 (1985), y otros procedimientos y órdenes de procedimientos aplicables. Los comentarios por correo electrónico a las enmiendas propuestas se publicarán en la página del expediente en: https://www.ani.nm.gov/officeofradiation/ y también podrá obtenerse comunicándose con Pamela Jones, administradora de la EIA, en la información de contacto incluida anteriormente.

Todas las personas interesadas tendrán una oportunidad razonable durante la audiencia para presentar pruebas, datos, puntos de vista y argumentos pertinentes, orales o por escrito, presentar pruebas instrumentales e interrogar a los testigos. Toda persona que desee presentar una declaración no técnica por escrito para que conste en el expediente en lugar de un testimonio oral deberá presentar dicha declaración antes del cierre de la audiencia por correo electrónico a: Pamela.Jones@state.nm.us.

Las personas que deseen presentar un testimonio técnico deben presentar a la EIA un escrito por escrito de su intención de hacerlo. Los escritos de intención para la audiencia deben ser recibidos por la EIA a más tardar hasta las 5:00 p.m., MST, del 4 de marzo de 2022, y deben hacer referencia al número de los reglamentos, la fecha de la audiencia (25 de marzo de 2022) y el número de expediente EB 21-66.

Los requisitos para un testimonio de intención se encuentran en 20.1.1.302 NMAC.

- El aviso de intención deberá: (1) identificar a la persona para la que el testigo o testigos darán testimonio; (2) identificar cada uno de los testigos técnicos que la persona tiene intención de presentar e indicar las calificaciones de dicho testigo, incluido una descripción de su historia educativa y laboral; (3) si la audiencia se lleva a cabo en varios lugares, indicar el lugar o lugares en los que estarán presentes los testigos; (4) incluir una copia del testimonio directo de cada testigo técnico en forma narrativa; (5) incluir el texto de cualquier modificación recomendada al propuesto cambio regulatorio;

(E) enumerar y adjuntar todas las pruebas instrumentales que se prevé que esa persona presentará en la audiencia, incluido cualquier declaración propuesta de motivos para la adopción de las normas.

Si usted tiene una discapacidad y necesita asistencia o ayuda auxiliar, por ejemplo, un intérprete de lenguaje de signos, para participar en cualquier aspecto de este proceso, comuníquese con Pamela Jones, administradora de la Junta, P.O. Box 5493, 1190 St. Francis Drive, Suite 5-2103, Santa Fe, NM, 87502; teléfono (505) 860-4305 o correo electrónico Pamela.Jones@state.nm.us. (TDD o TTY) los usuarios pueden acceder al número a través de la Red de Retorno de Nuevo México, 1-800-659-1779 (voz); usuarios de TTY: 1-800-659-8591).

La EIA podrá tomar una decisión sobre los cambios regulatorios propuestos al término de la audiencia o podrá convocar una reunión después de la audiencia para considerar la adopción de medidas sobre la propuesta.

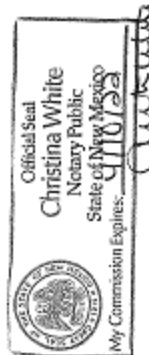
AFFIDAVIT OF PUBLICATION STATE OF NEW MEXICO

County of Bernalillo SS

AVISODELAJUNTADE MEJORAAMBIENTALD ENUEVOMEXICOCODEU NAAUDIENCIAIPUBLIC APARAACONSIDERARL ASENMIENDASPROP UESTASA20320NMAC DELREGLAMENTODE PROTEC

Elise Rodriguez, the undersigned, authorized Representative of the Albuquerque Journal, on oath states that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, that payment therefore has been made of assessed as court cost; and that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 time(s) on the following date(s):

12/26/2021



Sworn and subscribed before me, a Notary Public, in and for the County of Bernalillo and State of New Mexico this 27 day of December of 2021

PRICE \$618.60

Statement to come at the end of month.

ACCOUNT NUMBER 1009602

**NEW MEXICO ENVIRONMENTAL IMPROVEMENT BOARD NOTICE OF PUBLIC HEARING TO  
CONSIDER PROPOSED AMENDMENTS TO 20.3.20 NMAC OF THE RADIATION PROTECTION  
REGULATIONS EIB 21-56**

The Environmental Improvement Board (“EIB”) will hold a public hearing March 25, 2022 beginning at 9:00 a.m.MDT via internet (Zoom) and via telephone.

If you would like to join the video conference online, go to:  
<https://zoom.us/j/97661947432?pwd=N0xqMFIFcVplNk11RHJPOUgwcUNHQQT09>

When prompted, the meeting ID number is: 976 6194 7432

The password is: 491774

If you would like to join the meeting thru a telephone, please call:

+12532158782,,97661947432#,,,,\*491774# US (Tacoma)

+13462487799,,97661947432#,,,,\*491774# US (Houston)

Dial by your location

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

+1 669 900 6833 US (San Jose)

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

Meeting ID: 976 6194 7432

Passcode: 491774

Find your local number: <https://zoom.us/u/a8MLJTgPY>

Comments will be received via electronic mail through the conclusion of the hearing. To comment via electronic mail, send correspondence to: [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us).

The hearing is being held via internet, email and telephonic means due to the concerns surrounding the Novel Coronavirus (“COVID-19”) and in accord with Governor Michelle Lujan Grisham's Declaration of a Public Health Emergency in Executive Order 2020-004, and subsequent executive orders; various Public Health Emergency Orders limiting mass gatherings due to COVID-19; and the Office of the Attorney General’s Open Government Division’s Guidance to Public Entities Regarding the Open Meetings Act and Inspection of Public Records Act Compliance During COVID-19 State of Emergency.

At the public hearing the EIB will consider proposed amendments to 20.3.20 NMAC “Medical Imaging and Radiation Therapy Licensure”, as proposed in the Petition to Amend 20.3.20 NMAC of the Radiation Protection Regulations and Request for Hearing (“Petition”), docket number EIB 21-56. The Petition has been filed by the Radiation Control Bureau (“Bureau”) of the New Mexico Environment Department (“NMED”). The proposed amendments consist of the addition of a Computed Tomography (“CT”) license and clarification of the requirements and scope of practice for the Provisional License. The Bureau will also take this opportunity to clarify existing requirements and fix minor and typographical errors. The addition of a CT license will maximize the protection practicable for the citizens of New Mexico from ionizing radiation in the practice of CT imaging by establishing requirements for appropriate education and training of these individuals operating CT medical equipment. Please note that formatting and minor technical changes in the regulations other than those proposed by NMED may be considered at the hearing. In addition, the EIB may make other changes as necessary to accomplish the purpose of protecting public health and safety in response to public comments and evidence presented at the hearing.

The administration and enforcement of the Medical Imaging and Radiation Therapy Health and Safety Act, NMSA 1978, Sections 61-14E-1 to -12 (1983, as amended through 2020) (“Act”) and corresponding regulations is vested in NMED. NMSA 1978, § 61-14E-6. Pursuant to NMSA 1978, Section 74-1-7(A)(12) (2000), NMED has the authority to develop and enforce rules and standards for medical radiation, health and safety certification and standards for radiologic technologists.

Pursuant to NMSA 1978, Section 61-14E-5 (2009), the proposed amendments were provided to the Medical Imaging and Radiation Therapy Advisory Council (“MIRTAC”) at its December 20, 2019 meeting. The

MIRTAC has consented to the amendments. Finally, the EIB has the authority to amend the Radiation Protection Regulations, 20.3.20 NMAC, as provided by Section 61-14E-5 and NMSA 1978, Section 74-1-8(A)(12) (2020). A copy of the proposed amendments is posted on the EIB website as attachments to the Petition under docket number EIB 21-56. <https://www.env.nm.gov/opf/docketed-matters/>

To obtain a physical or electronic copy of the proposed amendments contact: Pamela Jones, Board Administrator, P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, New Mexico, 87502; Pamela.Jones@state.nm.us; (505) 660-4305. In your correspondence reference docket number EIB 21-56.

The hearing will be conducted in accordance with the EIB's Rulemaking Procedures found at 20.1.1 NMAC, the Environmental Improvement Act, NMSA 1978, Section 74-1-9 (1985), and other applicable procedures and procedural orders. Written comments regarding the proposed amendments will be posted on the docket page at <https://www.env.nm.gov/opf/docketed-matters/> and may also be obtained from Pamela Jones, EIB Administrator, at the contact information listed above.

All interested persons will be given reasonable opportunity at the hearing to submit relevant evidence, data, views and arguments, orally or in writing, to introduce exhibits, and to examine witnesses. Any person who wishes to submit a non-technical written statement for the record in lieu of oral testimony must file such statement prior to the close of the hearing via electronic mail to: Pamela.Jones@state.nm.us.

Persons wishing to present technical testimony must file with the EIB a written notice of intent to do so. Notices of intent for the hearing must be received by the EIB by 5:00 p.m. MST on March 4, 2022, and should reference the name of the regulations, the date of the hearing (March 25, 2022), and docket number EIB 21-56.

The requirements for a notice of intent can be found in 20.1.1.302 NMAC.

The notice of intent shall:

- (1) identify the person for whom the witness(es) will testify;
- (2) identify each technical witness the person intends to present and state the qualifications of that witness, including a description of their educational and work background;
- (3) if the hearing will be conducted at multiple locations, indicate the location or locations at which the witnesses will be present;
- (4) include a copy of the direct testimony of each technical witness in narrative form;
- (5) include the text of any recommended modifications to the proposed regulatory change; and
- (6) list and attach all exhibits anticipated to be offered by that person at the hearing, including any proposed statement of reasons for adoption of rules.

If you are an individual with a disability and you require assistance or an auxiliary aid, e.g., sign language interpreter, to participate in any aspect of this process, please contact Pamela Jones, Board Administrator, at least 14 days prior to the hearing date at P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, New Mexico, 87502, telephone (505) 660-4305 or email Pamela.Jones@state.nm.us. (TDD or TTY) users please access the number via the New Mexico Relay Network, 1-800-659-1779 (voice); TTY users: 1-800-659-8331).

The EIB may make a decision on the proposed regulatory changes at the conclusion of the hearing or may convene a meeting after the hearing to consider action on the proposal.

## **STATEMENT OF NON-DISCRIMINATION**

NMED does not discriminate on the basis of race, color, national origin, disability, age or sex in the administration of its programs or activities, as required by applicable laws and regulations.

NMED is responsible for coordination of compliance efforts and receipt of inquiries concerning non-discrimination requirements implemented by 40 C.F.R. Parts 5 and 7, including Title VI of the Civil Rights Act of 1964, as amended; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and Section 13 of the Federal Water Pollution Control Act Amendments of 1972. If you have any questions about this notice or any of NMED's non-discrimination programs, policies or procedures, you may contact:



Kathryn Becker, Non-Discrimination Coordinator, New Mexico Environment Department, 1190 St. Francis Dr., Suite N4050, P.O. Box 5469, Santa Fe, NM 87502, (505) 827-2855, nd.coordinator@state.nm.us.

If you believe that you have been discriminated against with respect to a NMED program or activity, you may contact the Non-Discrimination Coordinator identified above or visit our website at <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> to learn how and where to file a complaint of discrimination.

**AVISO DE LA JUNTA DE MEJORA AMBIENTAL DE NUEVO MÉXICO DE UNA AUDIENCIA PÚBLICA PARA CONSIDERAR LAS ENMIENDAS PROPUESTAS A 20.3.20 NMAC DEL REGLAMENTO DE PROTECCIÓN RADIOLÓGICA EIB 21-56**

La Junta de Mejora Ambiental (“EIB” por sus siglas en inglés) celebrará una audiencia pública el 25 de marzo de 2022 a partir de las 9:00 a.m., MDT, por Internet (Zoom) y por teléfono.

Si desea unirse a la videoconferencia en línea, vaya a

<https://zoom.us/j/97661947432?pwd=N0xqMFIFcVpINk11RHJPOUgwcUNHQOT09>

Cuando se le solicite, marque el número de identificación de la reunión: 976 6194 7432

La contraseña es: 491774

Si desea unirse a la reunión a través de un teléfono llame al:

+12532158782,,97661947432#,,,,\*491774# US (Tacoma)

+13462487799,,97661947432#,,,,\*491774# US (Houston)

Marque por su ubicación

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 408 638 0968 US (San Jose)

+1 669 900 6833 US (San Jose)

+1 646 876 9923 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

Identificación de la reunión: 976 6194 7432

Código de acceso: 491774

Encuentre su número local: <https://zoom.us/j/97661947432?pwd=N0xqMFIFcVpINk11RHJPOUgwcUNHQOT09>

Se recibirán comentarios por correo electrónico hasta la conclusión de la audiencia. Para hacer comentarios por correo electrónico, envíe la correspondencia a [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us).

La audiencia se va a llevar a cabo a través de Internet, correo electrónico y medios telefónicos debido a las preocupaciones que rodean al Nuevo Coronavirus (“COVID-19”) y de acuerdo con la Declaración de Emergencia de Salud Pública de la gobernadora Michelle Lujan Grisham en la Orden Ejecutiva 2020-004, y órdenes ejecutivas posteriores; varias órdenes de emergencia de salud pública que limitan las reuniones masivas debido al COVID-19; y la Guía de la División de Gobierno Abierto de la Oficina del Procurador General para Entidades Públicas con respecto a la Ley de Reuniones Abiertas y el Cumplimiento de la Ley de Inspección de Registros Públicos durante el Estado de Emergencia COVID-19.

En la audiencia pública, la EIB considerará las enmiendas propuestas a 20.3.20 NMAC “Licencia de Imágenes Médicas y Radioterapia”, según lo propuesto en la Petición para Enmendar 20.3.20 NMAC del Reglamento de Protección Radiológica y Solicitud de Audiencia (“Petición”), número de expediente EIB 21-56. La Petición ha sido presentada por la Oficina de Control de Radiación (“Oficina”) del Departamento de Medio Ambiente de Nuevo México (“NMED” por sus siglas en inglés). Las modificaciones propuestas consisten en la adición de una Licencia de Tomografía Computarizada (“CT” por sus siglas en inglés) y la aclaración de los requisitos y el alcance de la práctica para la Licencia Provisional. La Oficina también aprovechará esta oportunidad para aclarar los requisitos existentes y corregir errores menores y tipográficos. La adición de una licencia TC maximizará la protección viable para los ciudadanos de Nuevo México contra la radiación ionizante en la práctica de obtención de imágenes de TC mediante el establecimiento de requisitos para la educación y la capacitación adecuadas de estas personas que operan equipos médicos de TC. Tenga en cuenta que el formato y los cambios técnicos menores en el reglamento distintos de los propuestos por el NMED pueden ser considerados durante la audiencia.

Además, la EIB puede realizar otros cambios según sea necesario para cumplir el propósito de proteger la salud y la seguridad pública en respuesta a los comentarios públicos y las pruebas presentadas en la audiencia.

La administración y el cumplimiento de la Ley de Salud y Seguridad de Imágenes Médicas y Radioterapia, NMSA 1978, Secciones 61-14E-1 a -12 (1983, enmendada hasta 2020) (“Ley”) y los reglamentos correspondientes se confieren al NMED. NMSA 1978, § 61-14E-6. De conformidad con NMSA 1978, Sección 74-1-7(A)(12) (2000), el NMED tiene autoridad para desarrollar y hacer cumplir las normas y estándares de radiación médica, la certificación de salud y seguridad y los estándares para tecnólogos radiológicos. De acuerdo con NMSA 1978, Sección 61-14E-5 (2009), las enmiendas propuestas se proporcionaron al Consejo Asesor de Imágenes Médicas y Radioterapia (“MIRTAC” por sus siglas en inglés) en su reunión del 20 de diciembre de 2019. El MIRTAC ha dado su consentimiento a las enmiendas. Por último, la EIB tiene autoridad para enmendar el Reglamento de Protección Radiológica, 20.3.20 NMAC, según lo dispuesto en la Sección 61-14E-5 y NMSA 1978, Sección 74-1-8(A)(12) (2020).

Una copia de las enmiendas propuestas está publicada en el sitio web de la EIB como anexos a la Petición bajo el número de expediente EIB 21-56. <https://www.env.nm.gov/opf/docketed-matters/>

Para obtener una copia impresa o una copia electrónica de las enmiendas propuestas, comuníquese con Pamela Jones, administradora de la Junta, P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, NM, 87502; [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us); (505) 660-4305. En su correspondencia haga referencia al número de expediente EIB 21-56.

La audiencia se llevará a cabo de acuerdo con los Procedimientos de Reglamentación de la EIB que se encuentran en 20.1.1 NMAC, la Ley de Mejora Ambiental, NMSA 1978, Sección 74-1-9 (1985), y otros procedimientos y órdenes de procedimiento aplicables. Los comentarios por escrito relativos a las enmiendas propuestas se publicarán en la página del expediente en <https://www.env.nm.gov/opf/docketed-matters/> y también podrán obtenerse comunicándose con Pamela Jones, administradora de la EIB, en la información de contacto indicada anteriormente.

Todas las personas interesadas tendrán una oportunidad razonable durante la audiencia para presentar pruebas, datos, puntos de vista y argumentos pertinentes, oralmente o por escrito, presentar pruebas instrumentales e interrogar a los testigos. Toda persona que desee presentar una declaración no técnica por escrito para que conste en acta en lugar de un testimonio oral deberá presentar dicha declaración antes del cierre de la audiencia por correo electrónico a: [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us).

Las personas que deseen presentar un testimonio técnico deben presentar a la EIB un aviso por escrito de su intención de hacerlo. Los avisos de intención para la audiencia deben ser recibidos por la EIB a más tardar hasta las 5:00 p.m., MST, del 4 de marzo de 2022, y deben hacer referencia al nombre de los reglamentos, la fecha de la audiencia (25 de marzo de 2022) y el número de expediente EIB 21-56.

Los requisitos para un aviso de intención se encuentran en 20.1.1.302 NMAC.

El aviso de intención deberá:

- (1) identificar a la persona para la que el testigo o testigos darán testimonio;
- (2) identificar cada uno de los testigos técnicos que la persona tiene intención de presentar e indicar las cualificaciones de dicho testigo, incluida una descripción de su historial educativo y laboral;
- (3) si la audiencia se lleva a cabo en varios lugares, indicar el lugar o lugares en los que estarán presentes los testigos;
- (4) incluir una copia del testimonio directo de cada testigo técnico en forma narrativa;
- (5) incluir el texto de cualquier modificación recomendada al propuesto cambio reglamentario; y
- (6) enumerar y adjuntar todas las pruebas instrumentales que se prevé que esa persona presentará en la audiencia, incluida cualquier declaración propuesta de motivos para la adopción de las normas.

Si usted tiene una discapacidad y necesita asistencia o ayuda auxiliar, por ejemplo, un intérprete de lenguaje de signos, para participar en cualquier aspecto de este proceso, comuníquese con Pamela Jones, administradora de la Junta, al menos 14 días antes de la fecha de la audiencia en P.O. Box 5469, 1190 St. Francis Drive, Suite S-2103, Santa Fe, NM, 87502; teléfono (505) 660-4305 o correo electrónico [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us). (TDD o TTY) los usuarios pueden acceder al número a través de la Red de Retransmisión de Nuevo México, 1-800-659-1779 (voz); usuarios de TTY: 1-800-659-8331).

La EIB podrá tomar una decisión sobre los cambios reglamentarios propuestos al término de la audiencia o podrá convocar una reunión después de la audiencia para considerar la adopción de medidas sobre la propuesta.

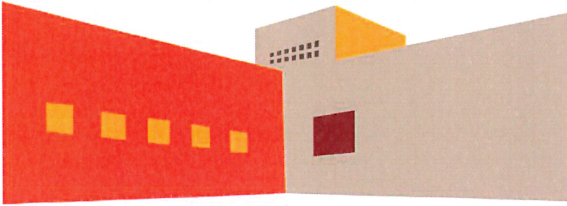
#### DECLARACIÓN DE NO DISCRIMINACIÓN

NMED no discrimina por motivos de raza, color, nacionalidad, discapacidad, edad o sexo en la administración de sus programas o actividades, como lo exigen las leyes y reglamentos aplicables.

NMED es responsable de la coordinación de los esfuerzos de cumplimiento y la recepción de consultas sobre los requisitos de no discriminación implementados por 40 C.F.R. Partes 5 y 7, incluido el Título VI de la Ley de Derechos Civiles de 1964, según enmendada; Sección 504 de la Ley de rehabilitación de 1973; la Ley de Discriminación por Edad de 1975, el Título IX de las Enmiendas de Educación de 1972 y la Sección 13 de las Enmiendas de la Ley Federal de Control de la Contaminación del Agua de 1972. Si tiene alguna pregunta sobre este aviso o cualquiera de los programas, políticas o procedimientos de no discriminación de NMED, puede comunicarse con:

Kathryn Becker, coordinadora de no discriminación | NMED | 1190 St. Francis Dr., Suite N4050 | P.O. Box 5469 | Santa Fe, NM 87502 | (505) 827-2855 o [nd.coordinator@state.nm.us](mailto:nd.coordinator@state.nm.us)

Si cree que ha sido discriminado con respecto a un programa o actividad de NMED, puede comunicarse con la coordinadora de no discriminación identificada más arriba o visitar nuestro sitio web en <https://www.env.nm.gov/non-employee-discrimination-complaint-page/> para aprender cómo y dónde presentar una queja de discriminación.



**NM Commission of Public Records**

1205 Camino Carlos Rey

Santa Fe, NM 87507

+505 4767912

**Invoice**

**BILL TO**

Environment Department  
P.O. BOX 5469  
Santa Fe, NM 87502-5469

| INVOICE # | DATE       | TOTAL DUE | DUE DATE   |  | ENCLOSED |
|-----------|------------|-----------|------------|--|----------|
| 5906      | 12/29/2021 | \$387.00  | 12/29/2021 |  |          |

**VOLUME**

XXXII

**ISSUE**

24

**P.O. NUMBER**

66700-0000037876

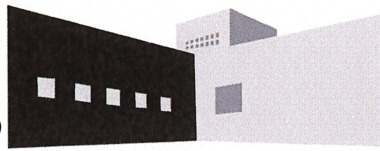
| DATE       | DESCRIPTION                                                                                                                                                                                                                   | QTY | RATE | AMOUNT |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|--------|
| 12/28/2021 | <b>NM Register - 431902</b><br>New Mexico Environmental Improvement Board Notice of Public Hearing to Consider Proposed Amendments to 20.3.20 NMAC Of The Radiation Protection Regulations EIB 21-56, hearing date: 3/25/2022 | 129 | 3.00 | 387.00 |

Thank you for your business!

BALANCE DUE

**\$387.00**

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**State Records Center and Archives**  
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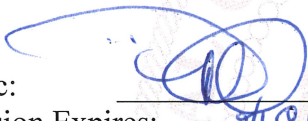


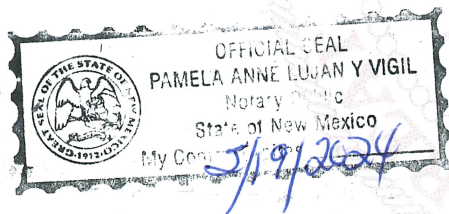
**Affidavit of Publication in New Mexico Register**

I, Matthew Ortiz, certify that the agency noted on Invoice # 5906 has published legal notice of rulemaking or rules in the NEW MEXICO REGISTER, VOLUME XXXII, that payment has been assessed for said legal notice of rulemaking or rules, which appears on the publication date and in the issue number noted on Invoice # 5906, and that Invoice # 5906 has been sent electronically to the person(s) listed on the *Billing Information Sheet* provided by the agency.

Affiant:   
Matthew Ortiz

Subscribed, sworn and acknowledged before me this 30th day of December, 2021.

Notary Public:   
My Commission Expires: 5/19/2024



1205 Camino Carlos Rey | Santa Fe, NM 87507 | [www.srca.nm.gov](http://www.srca.nm.gov)

**Hon. Hector Balderas**  
*Attorney General*

**Hon. Brian S. Colón**  
*Chairman/State Auditor*

**Hon. Maggie Toulouse Oliver**  
*Secretary of State*

**Debra Garcia y Griego**  
*Department of Cultural Affairs*

**Stephanie Wilson**  
*Acting Director, Supreme Court Law Library*

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## Docketed Matters

MENU

### > Environment Department Cabinet Secretary

### ∨ Environmental Improvement Board

> EIB 21-66 (R) – In the Matter of Proposed 20.2.91 NMAC – New Motor Vehicle Emissions Standards

> EIB 21-48 Appeal Petition – Permit No. 8585 Associated Asphalt and Materials, LLC

> Appeal – AQB 20-12 – Associated Asphalt, Inc. Permit 8585, Administrative Appeal to Cabinet Secretary

∨ EIB 21-56 – Petition to Amend 20.3.20 NMAC of the Radiation Protection Regulations

Petition to Amend 20.3.20 NMAC of the Radiation Protection Regulations and Request for Hearing 10/26/2021

Public Notice – English 12/07/2021

Public Notice – Spanish 12/07/2021

> EIB 21-30 – Petition for Regulatory Change In the Matter of Proposed New Regulation 20.2.88 NMAC – Emission Standards for New Motor Vehicles

> EIB 21-27 – Petition for Regulatory Change In the Matter of Proposed New Regulation, 20.2.50 NMAC – Oil and Gas Sector – Ozone Precursor Pollutants

> EIB 21-09 – Petition to Amend Radiation Protection Regulations

> EIB 21-07 – Petition to Amend 20.2.79 NMAC

> EIB 21-05 – Petition for Adoption of State Implementation Plan Certification and Request for Public Hearing

> EIB 20-33 (A) – In the Matter of the Petition for a Hearing Regarding Registration Nos. 8729, 8730, and 8733 Under General Construction Permits for Oil and Gas Facilities.

> EIB 20-21 (A) – In the Matter of the Appeal of the Air Quality Permit No. 7482-M1 Issued to 3 Bear Delaware Operating – NM LLC

### > Occupational Health and Safety Review Commission

### > Water Quality Control Commission

### On the Docket

For matters currently before boards, commissions and the Environment Department Secretary, visit our [Docketed Matters](#) page.

Information about how to join hearings and when they are scheduled is available on the Department's [calendar](#).

### Contact Us

Office of Public Facilitation

Ph: 505-660-4305  
Fax: 505-827-1628

[Hearing Officer](#)  
[Paralegal](#)  
[Hearing Clerk](#)

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Video recordings of hearings before the Secretary and boards and commissions, as well as boards and commissions meetings, are available on our [YouTube channel](#).



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Calendar



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1190 St. Francis Drive, Suite N4050

Santa Fe, New Mexico 87505

tel (800) 219-6157

(505) 827-2855



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Home / Public Notices

# MENU Public Notices

This page lists public notices for rulemakings, permitting actions and any appeals of the action. Any rulemaking hearing or specific permitting or enforcement matter appealed to a board, commission or Environment Department Secretary is found on our [Docketed Matters webpage](#) once it is docketed.

Historical actions (e.g., public notices and associated documents) are archived on the previous NMED site.

Page Search:  Search Page

## Statewide/Across Multiple Counties

### Proposed Amendments to 20.3.20 NMAC Medical Imaging and Radiation Therapy Licensure

NEW MEXICO ENVIRONMENTAL IMPROVEMENT BOARD NOTICE OF PUBLIC HEARING TO CONSIDER PROPOSED AMENDMENTS TO 20.3.20 NMAC OF THE RADIATION PROTECTION REGULATIONS EIB 21-56

AVISO DE LA JUNTA DE MEJORA AMBIENTAL DE NUEVO MÉXICO DE UNA AUDIENCIA PÚBLICA PARA CONSIDERAR LAS ENMIENDAS PROPUESTAS A 20.3.20 NMAC DEL REGLAMENTO DE PROTECCIÓN RADIOLÓGICA EIB 21-56

Records from the rulemaking will be available on the [Docketed Matters](#) page.

### Draft 2022-2024 State of New Mexico Clean Water Act Sections 303(d)/305(b) Integrated List of Assessed Surface Waters

### New report tracks Environment Department's performance in protecting public health, environment

### Rule Hearing Search

Hearing Date:  Comments:  Agency:   
 All  Deadline Date: Environment Department   
 All

[Return to Search Results](#)

**Proposed Rule Name:**

PROPOSED AMENDMENTS TO 20.3.20 NMAC OF THE RADIATION PROTECTION REGULATIONS EIB

**Agency:**

Environment Department

**Purpose:**

The purpose of the hearing is to consider proposed amendments to 20.3.20 NMAC "Radiologic Technology Certification". The proposed amendments consist of the addition of a Computed Tomography ("CT") license and clarification of the requirements and scope of practice for the Provisional License. The Bureau will also take this opportunity to clarify existing requirements and fix minor typographical errors.

**Summary:**

AMENDMENTS TO 20.3.20 NMAC OF THE RADIATION PROTECTION REGULATIONS

**Rule Complete Copy :**

The petition and proposed amendments are available on the Environment Improvement Board's website, at <https://www.env.nm.gov/opf/docketed-matters/> (<https://www.env.nm.gov/opf/docketed-matters/>). The petition may also be obtained electronically by contacting Pamela Jones, Board Administrator, 1190 S. St. Francis Drive, Santa Fe, New Mexico 87502, (505) 660-4305 or [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us) (<mailto:Pamela.Jones@state.nm.us>).

**Corrections:**

[Click Here to access Rule Corrections \(https://www.env.nm.gov/public-notices/\)](https://www.env.nm.gov/public-notices/)

**Rule Explanatory Statement:**

[Click Here to access the Rule Explanatory Statement \(https://www.env.nm.gov/opf/docketed-matters/\)](https://www.env.nm.gov/opf/docketed-matters/)

**Related New Mexico Register Publications:**

Not available

**For any additional information or questions concerning this rule making or posting please contact:**

Pamela Jones, EIB Administrator  
[pamela.jones@state.nm.us](mailto:pamela.jones@state.nm.us)  
 (505) 660-4305

**Last Updated Date**

12/9/2021 11:07 AM

**How to submit Comments:**

Those wishing to do so may offer non-technical public comment at the hearing or submit a non-technical written statement in lieu of oral testimony at or before the hearing. Written comments regarding the proposed amendment may be addressed to Pamela Jones, EIB Administrator, at the above address, and should reference docket number EIB 21-56.

**When are comments due:**

3/25/2022 12:00 PM

**Hearing Date:**

3/25/2022 9:00 AM

**Public Hearing Location:**

• he Zoom video conferencing platform.

<https://zoom.us/j/97661947432?pwd=N0xqMFIFcVpINk11RHJPOUgwcUNHQQT09> (<https://zoom.us/j/97661947432?pwd=N0xqMFIFcVpINk11RHJPOUgwcUNHQQT09>)

When prompted, the meeting ID number is: 976 6194 7432

The password is: 491774

If you would like to join the meeting thru a telephone, please call:

+12532158782,,97661947432#,,,,\*491774# US (Tacoma)

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Meeting ID: 976 6194 7432

Passcode: 491774

Find your local number: <https://zoom.us/u/a8MLJTgPY> (<https://zoom.us/u/a8MLJTgPY>) 3/25/2022 (9:00 AM - )

**How to participate:**

a.) All interested persons will be given reasonable opportunity at the hearing to submit relevant evidence, data, views and arguments, orally or in writing, to introduce exhibits, and to examine witnesses. Any person who wishes to submit a non-technical written statement for the record in lieu of oral testimony must file such statement prior to the close of the hearing via electronic mail to: [Pamela.Jones@state.nm.us](mailto:Pamela.Jones@state.nm.us) (<mailto:Pamela.Jones@state.nm.us>). b.) Persons wishing to present technical testimony must file with the EIB a written notice of intent to do so. Notices of intent for the hearing must be received by the EIB by 5:00 pm on March 4, 2022 and should reference the name of the regulations, the date of the hearing (March 25, 2022), and docket number EIB 21-56.

① If the document is not visible on the previewer, please download the file.

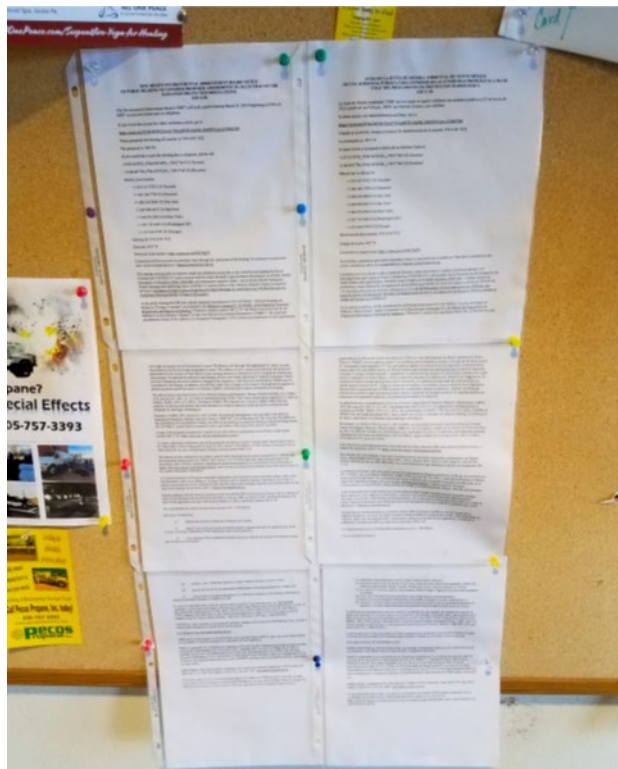
| File | File Name | File Type | Description |
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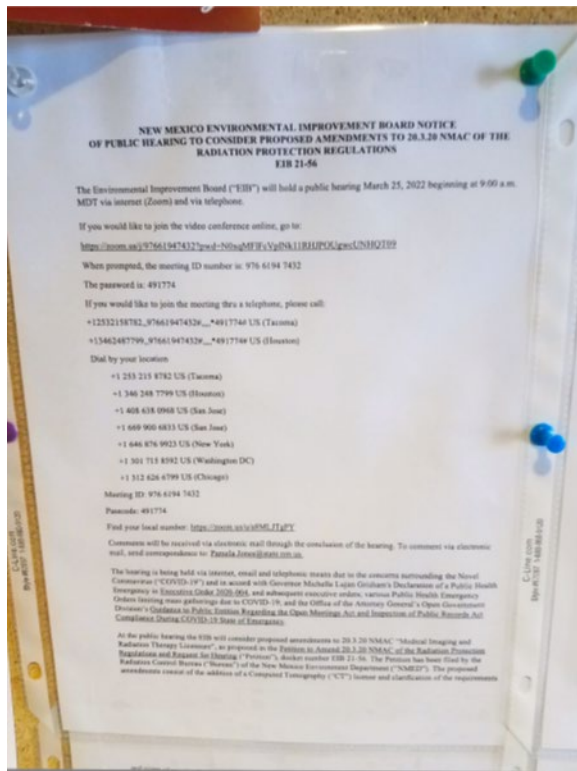
**Public Notice Posting Locations – Proposed Amendments to 20.3.20 NMAC of the Radiation Protection Regulations (EIB 21-56)**



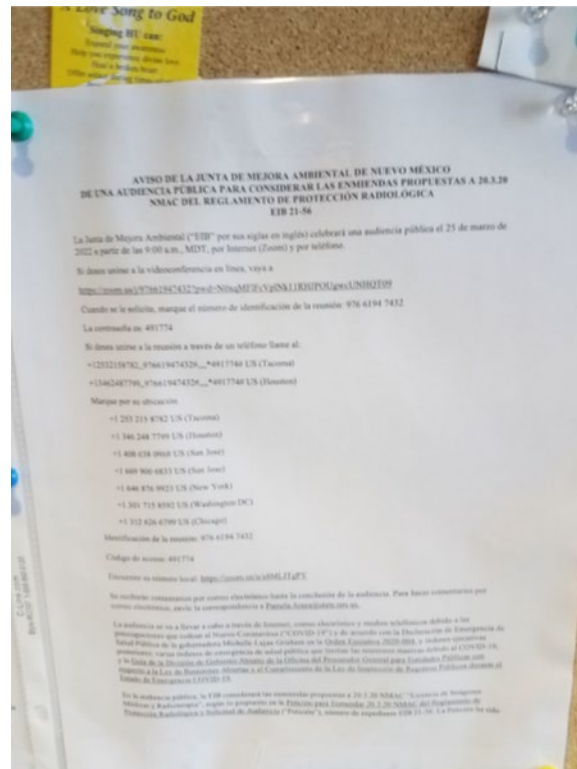
Joseph M. Montoya Building, 1100 St. Francis Drive, Santa Fe, NM (January 3, 2022)



Joseph M. Montoya Building, 1100 St. Francis Drive, Santa Fe, NM (January 3, 2022)



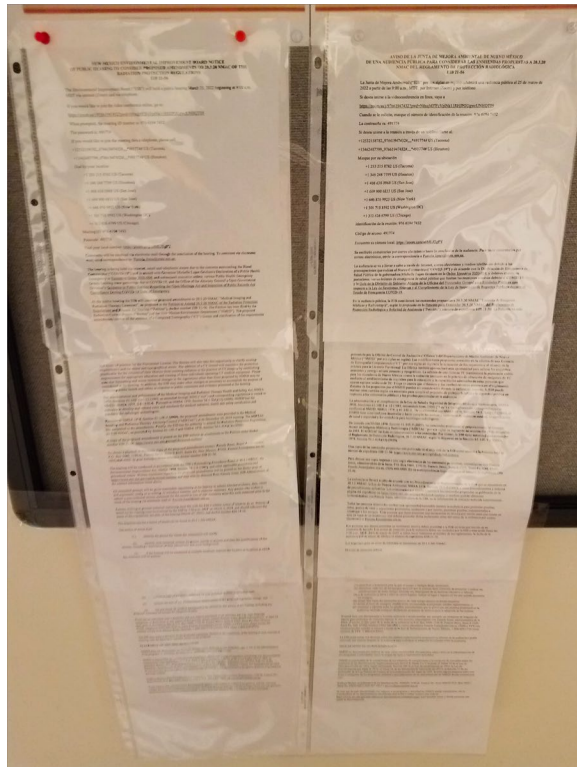
Joseph M. Montoya Building, 1100 St. Francis Drive, Santa Fe, NM (January 3, 2022)



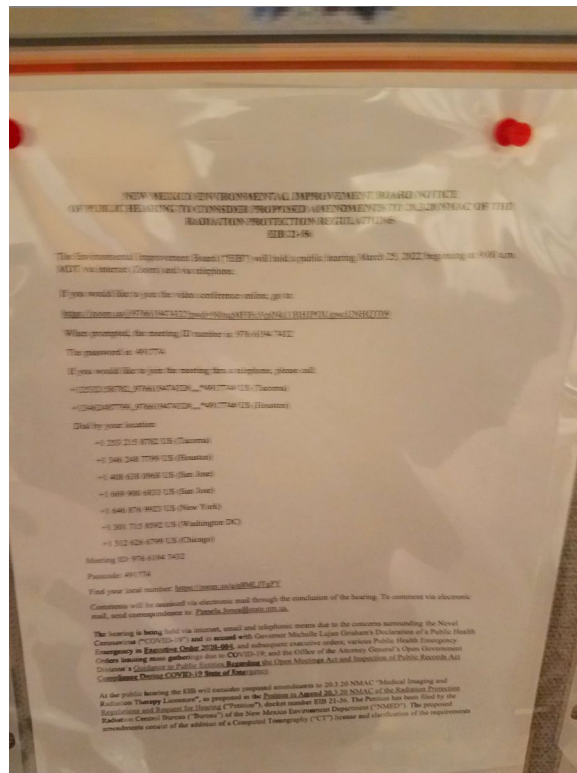
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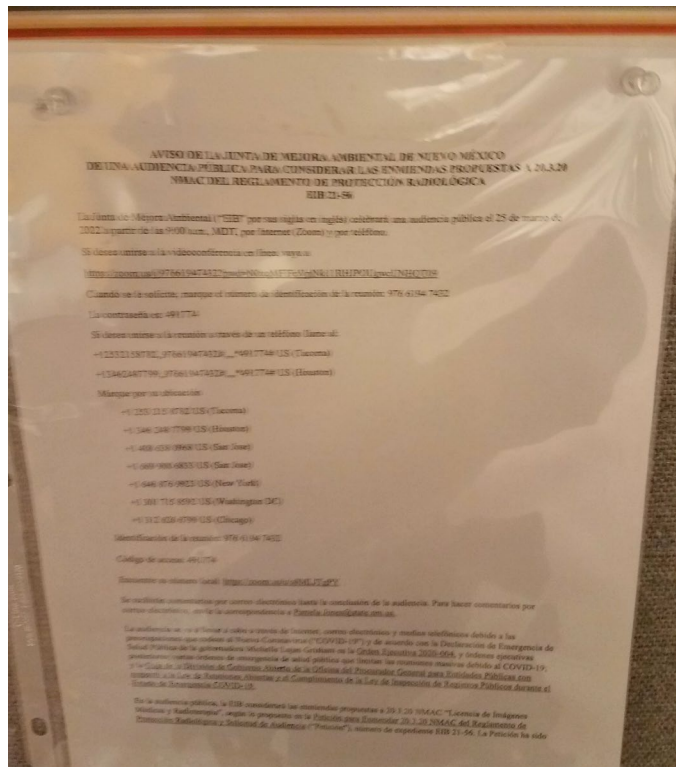
Harold I. Runnels Building, 1190 St. Francis Drive, Santa Fe, NM (January 3, 2022)



Harold I. Runnels Building, 1190 St. Francis Drive, Santa Fe, NM (January 3, 2022)



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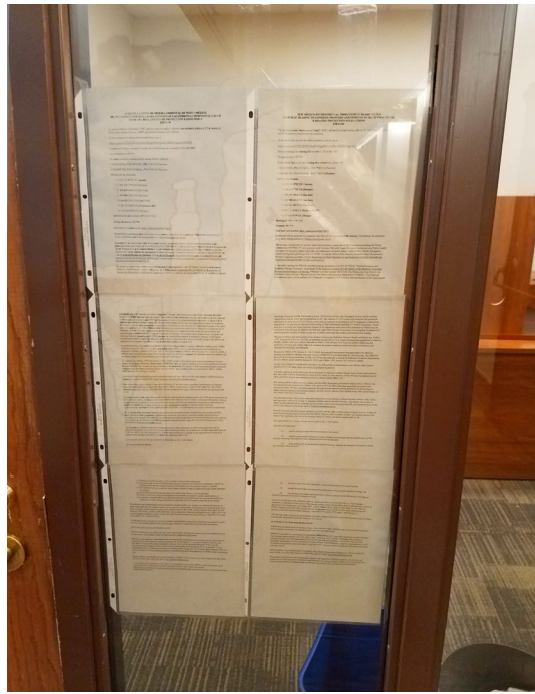
Harold I. Runnels Building, 1190 St. Francis Drive, Santa Fe, NM (January 3, 2022)



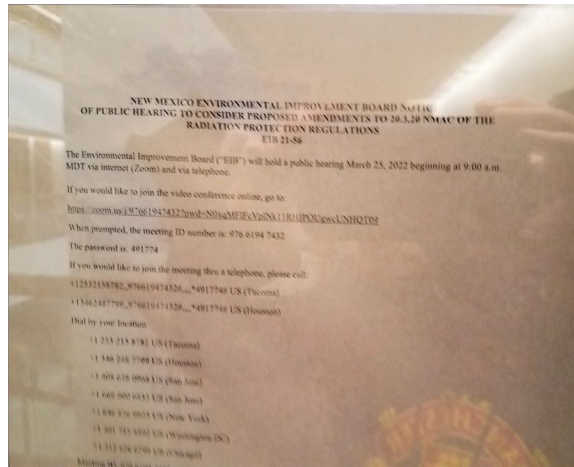
Radiation Control Bureau Suite, Montoya Building, 1100 St. Francis Drive, Santa Fe, NM (January 3, 2022)



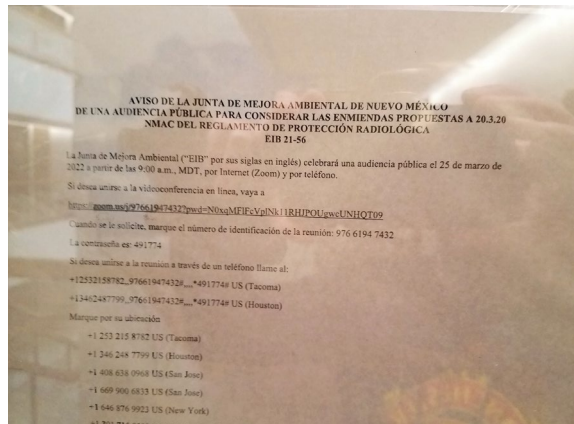
Radiation Control Bureau Suite, Montoya Building, 1100 St. Francis Drive, Santa Fe, NM (January 3, 2022)



Radiation Control Bureau Suite, Montoya Building, 1100 St. Francis Drive, Santa Fe, NM (January 3, 2022)



Radiation Control Bureau Suite, Montoya Building, 1100 St. Francis Drive, Santa Fe, NM (January 3, 2022)



Radiation Control Bureau Suite, Montoya Building, 1100 St. Francis Drive, Santa Fe, NM (January 3, 2022)

**From:** [Romero, Ray, NMENV](#)  
**To:** [Joanne.vandestreek@nmlegis.gov](mailto:Joanne.vandestreek@nmlegis.gov)  
**Cc:** [ics@nmlegis.gov](mailto:ics@nmlegis.gov); [Napolitano, Mia, NMENV](#)  
**Subject:** EIB 21-56 Public Notice  
**Date:** Tuesday, December 7, 2021 3:11:45 PM  
**Attachments:** [Public Notice for EIB 21-56 Rulemaking-English \(FINAL\) .pdf](#)  
[Public Notice of EIB 21-56 Rulemaking -Spanish \(FINAL\) .pdf](#)

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Good afternoon Ms. Vandestreek,

I have be tasked with forwarding information to the New Mexico Legislative Council for an upcoming public hearing before the Environmental Improvement Board to consider proposed amendments to 20.3.20 NMAC of the Radiation Protection Regulations. I have attached the public notice, in English and Spanish. The petition and proposed amendments are available on the Environment Improvement Board’s website, at <https://www.env.nm.gov/opf/wp-content/uploads/sites/13/2021/11/2021-10-26-EIB-21-56-Petition-to-Amend-20.3.20-NMAC-pj.pdf>.

If further information is needed please contact me. Thank you for your assistance.

Raymond R. Romero, Paralegal  
New Mexico Environment Department  
Office of General Counsel  
1190 S. Saint Francis Drive  
Suite North 4050  
Santa Fe, NM 87505  
(505) 469-6471  
[Ray.Romero@state.nm.us](mailto:Ray.Romero@state.nm.us)  
[www.env.nm.gov](http://www.env.nm.gov)  
Twitter: @NMEnvDep | #IamNMED



***“Innovation, Science, Collaboration, Compliance”***

**From:** [Sanchez, Stephen, NMENV](#)  
**To:** [Chandra Gerrard](#); ["Victor Garnand"](#); ["Ham, Melissa"](#); [Lynnette M Trujillo](#); ["Amanda Vega"](#); ["Evelyn Vasquez"](#); ["James Mayer"](#)  
**Cc:** [Napolitano, Mia, NMENV](#); [Rodriguez, Santiago, NMENV](#)  
**Subject:** English and Spanish Public Notice distribution to FW: MIRTAC rulemaking-Public Notice Requirements.  
**Date:** Tuesday, December 28, 2021 5:41:50 PM  
**Attachments:** [Public Notice for EIB Rulemaking-English \(FINAL\) .pdf](#)  
[Public Notice of EIB Rulemaking -Spanish \(FINAL\) .pdf](#)  
[Public Notice Email in English \(FINAL\).docx](#)  
[Public Notice Email in Spanish \(FINAL\).docx](#)  
**Importance:** High

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Dear MIRTAC members,

Mia has requested that the attached public notices, in English and in Spanish, be distributed to all currently serving MIRTAC members, as a requirement of the public notice requirements that we have to meet for the rulemaking process.

Sincerely,

Stephen Sanchez

Program Administrator

Medical Imaging & Radiation Therapy Program

PO Box 5469

Santa Fe, New Mexico 87502-5469

Office 505-476-8633

Cell 505-699-2027

[stephen.sanchez@state.nm.us](mailto:stephen.sanchez@state.nm.us)

[The NM Medical Imaging & Radiation Therapy Program \(MIRTP\) web page link](#)

<https://www.env.nm.gov/rcb/medical-imaging-radiation-therapy-program/>

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**From:** [Romero, Ray, NMENV](#)  
**To:** [aaaalliedseptic@msn.com](#); [abqcrs@gmail.com](#); [Daffern, Andrew](#); [Bahar, Dana, NMENV](#); [bassettec@aol.com](#); [bravos@amigosbravos.org](#); [bu@gknet.com](#); [ccns@nuclearactive.org](#); [cdesaillan@nmelc.org](#); [Christina Sheehan](#); [Claudette.Horn@pnmresources.com](#); [david@nmrealtor.com](#); [dean.metcalf@xcelenergy.com](#); [dgratson@envstd.com](#); [DrAnnMcC@aol.com](#); [DrJ@NMPM.com](#); [ecole@lata.com](#); [ejantz@nmelc.org](#); [Ely, Sandra, NMENV](#); [Ernest.Sanchez@pnmresources.com](#); [etaylor@taylormccaleb.com](#); [ggerholt@concho.com](#); [Engel, Gretchen](#); [irwinct@cdm.com](#); [jamesr.crawford61@gmail.com](#); [jarends@nuclearactive.org](#); [jcarr@savitrcapital.com](#); [Jeffrey.L.West@xcelenergy.com](#); [Jennifer Pruet](#); [Winchester, Jim](#); [jmccaleb@taylormccaleb.com](#); [jmilarch@nmhba.org](#); [John Volkerding](#); [jrbartlit@aol.com](#); [jrosenblatt@las-cruces.org](#); [karlenes@modrall.com](#); [Kathryn Neilson](#); [lcb@keleher-law.com](#); [lee.killinger@mosaicco.com](#); [lrose@montand.com](#); [luciana@lanl.gov](#); [marieg@nmoga.org](#); [mark.williams@pnmresources.com](#); [melanie@nmhba.org](#); [Mike.Holder@hollyfrontier.com](#); [Moore, Audrey J., NMDOT](#); [mpf@stateside.com](#); [nmelc@nmelc.org](#); [NMENV-oogc](#); [nmpetrol@comcast.net](#); [paul.romero@wilsonco.com](#); [McGinnis, Paul](#); [Fant, Peter](#); [randy@nmlobbyist.com](#); [rvirtue@virtuelaw.com](#); [serit@cybermesa.com](#); [snixon@rodev.com](#); [sricdon@earthlink.net](#); [stephanie@3bearllc.com](#); [story@lanl.gov](#); [Faith, Stuart](#); [fox@westernlaw.org](#); [tholcomb@velaw.com](#); [timothy.j.davis@nasa.gov](#); [Mullins, Thomas](#); [tuh@stateside.com](#); [turnboughmark@sbcglobal.net](#); [western@modrall.com](#)  
**Cc:** [Napolitano, Mia, NMENV](#)  
**Subject:** Public Notice of Hearing  
**Date:** Monday, December 27, 2021 8:31:38 AM  
**Attachments:** [Public Notice for EIB 21-56 Rulemaking-English \(FINAL\) .pdf](#)  
[Public Notice of EIB 21-56 Rulemaking -Spanish \(FINAL\) .pdf](#)  
[image002.jpg](#)

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Good morning,

Please find the attached Public Notice for a Public Hearing (in English and Spanish) for EIB 21-56, to consider the proposed amendments to 20.3.20 NMAC of the Radiation Protection Regulations. As you will see in the notice, the hearing will take place on March 25, 2022 at 9:00 a.m. MDT and continue as necessary. The hearing will be held via an internet video conferencing platform (Zoom).

Public comment will be allowed at various points throughout the hearing. Relevant information on how to participate in this process can be found in the attached Public Notice.

Thank you,

Buenos dias,

Encuentre el Aviso Público adjunto para una audiencia pública (en inglés y español) para EIB 21-56, para considerar las enmiendas propuestas a 20.3.20 NMAC del Reglamento de Protección Radiológicas. Como verá en el aviso, la audiencia tendrá lugar el 25 de marzo de 2022 a las 9:00 a.m., MDT, y continuará según sea necesario. La audiencia se celebrará a través de una plataforma de videoconferencia por Internet (Zoom).

Se permitirán comentarios públicos en varios puntos durante la audiencia. Puede encontrar la información pertinente sobre cómo participar en este proceso en el Aviso Público adjunto.

Gracias,

Raymond R. Romero, Paralegal  
New Mexico Environment Department

Office of General Counsel  
1190 S. Saint Francis Drive  
Suite North 4050  
Santa Fe, NM 87505  
(505) 469-6471

[Ray.Romero@state.nm.us](mailto:Ray.Romero@state.nm.us)

[www.env.nm.gov](http://www.env.nm.gov)

Twitter: @NMEnvDep | #IamNMED



***“Innovation, Science, Collaboration, Compliance”***

**From:** [Romero, Ray, NMENV](#)  
**To:** [Nelson, Johanna, EDD](#)  
**Cc:** [Rodriguez, Santiago, NMENV](#); [Sanchez, Stephen, NMENV](#); [Ely, Sandra, NMENV](#); [Napolitano, Mia, NMENV](#)  
**Subject:** NM Small Business Regulatory Advisory Commission - Notice of Proposed Amendments 20.3.20 NMAC  
**Date:** Thursday, December 9, 2021 10:35:14 AM  
**Attachments:** [2021\\_12\\_09\\_Small\\_Business\\_Letter\\_for\\_EIB\\_Rulemaking\\_MIRTAC.pdf](#)  
[2021\\_12\\_08\\_Proposed\\_Amendments\\_to\\_20.3.20\\_NMAC\\_for\\_SBRAC.pdf](#)  
[Public Notice for EIB 21-56 Rulemaking-English \(FINAL\) .pdf](#)  
[Public Notice of EIB 21-56 Rulemaking -Spanish \(FINAL\) .pdf](#)

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Ms. Nelson,

Attached, please find a letter along with the proposed amendments and public notices (in English and Spanish) which I ask to be distributed to the New Mexico Small Business Regulatory Advisory Commission. Please contact me should you have any questions.

Raymond R. Romero, Paralegal  
New Mexico Environment Department  
Office of General Counsel  
1190 S. Saint Francis Drive  
Suite North 4050  
Santa Fe, NM 87505  
(505) 469-6471  
[Ray.Romero@state.nm.us](mailto:Ray.Romero@state.nm.us)  
[www.env.nm.gov](http://www.env.nm.gov)  
Twitter: @NMEnvDep | #IamNMED



***“Innovation, Science, Collaboration, Compliance”***



**SENT VIA EMAIL**

December 9, 2021

Small Business Regulatory Advisory Commission  
c/o Johanna Nelson, Administrator  
New Mexico Economic Development Department  
1100 S. St. Francis Drive  
Santa Fe, NM 87505-4147

**RE: Proposed Amendments of the Radiation Protection Regulations-20.3.20 NMAC**

Dear Chair and Commission Members,

The New Mexico Environment Department ("Department") hereby provides notice to the Small Business Regulatory Advisory Commission pursuant to NMSA 1978, Section 14-4A-4(A) (2005), that the Department's Environmental Protection Division, Radiation Control Bureau has petitioned the Environmental Improvement Board ("EIB") to amend 20.3.20 NMAC of the Radiation Protection Regulations.

The regulatory changes consist of the addition of a Computed Tomography ("CT") license and clarification of the requirements and scope of practice for the Provisional License. The Bureau will also take this opportunity to clarify existing requirements and fix minor and typographical errors. The addition of a CT license will maximize the protection practicable for the citizens of New Mexico from ionizing radiation in the practice of CT imaging by establishing requirements for appropriate education and training of these individuals operating CT medical equipment.

Pursuant to NMSA 1978, Section 61-14E-5 (2009), the proposed amendments were provided to the Medical Imaging and Radiation Therapy Advisory Council ("MIRTAC") at its December 20, 2019 meeting. The MIRTAC has consented to the amendments.

The EIB will hold a public hearing on the proposed amendments on March 25, 2022 beginning at 9:00 a.m. MDT and continuing thereafter as necessary. The hearing will be held via an internet video conferencing platform (Zoom). For additional information on the upcoming hearing, I have enclosed a copy of the public notice in English and Spanish. The public notice can also be accessed on the EIB website under docket number EIB 21-56: <https://www.env.nm.gov/opf/docketed-matters/>

If you have further questions, comments, or would like to have responsible staff meet and discuss the proposed amendments, please feel free to contact me directly at (505) 470-8151 or via email at [mia.napolitano@state.nm.us](mailto:mia.napolitano@state.nm.us). A copy of the proposed amendments is enclosed.

The Department requests that the Commission provide any written comments regarding possible adverse effects of the proposed amendments on small businesses no later than January 31, 2022.

Sincerely,

Mia

Napolitano

o

Mia Napolitano  
Assistant General Counsel

Digitally signed  
by Mia  
Napolitano  
Date: 2021.12.09  
10:25:54 -07'00'

cc: Santiago Rodriguez, NMED/RCB Bureau Chief, [santiago.rodriguez1@state.nm.us](mailto:santiago.rodriguez1@state.nm.us)  
Stephen Sanchez, NMED/RCB Program Administrator, [stephen.sanchez@state.nm.us](mailto:stephen.sanchez@state.nm.us)  
Sandra Ely, NMED/EPD Director, [Sandra.Ely@state.nm.us](mailto:Sandra.Ely@state.nm.us)

**From:** [Romero, Ray, NMENV](#)  
**To:** [Napolitano, Mia, NMENV](#)  
**Subject:** Fwd: NM Small Business Regulatory Advisory Commission - Notice of Proposed Amendments 20.3.20 NMAC  
**Date:** Tuesday, December 14, 2021 4:30:04 PM

---

FYI

Raymond R. Romero, Paralegal  
New Mexico Environment Department  
Office of General Counsel  
1190 S. Saint Francis Drive  
Suite North 4050  
Santa Fe, NM 87505  
(505) 469-6471

[Ray.Romero@state.nm.us](mailto:Ray.Romero@state.nm.us)

[www.env.nm.gov](http://www.env.nm.gov)

Twitter: @NMEnvDep | #IamNMED

***“Innovation, Science, Collaboration, Compliance”***

---

**From:** Painter, Westlee A, EDD <WestleeA.Painter@state.nm.us>  
**Sent:** Tuesday, December 14, 2021 4:26:20 PM  
**To:** Romero, Ray, NMENV <Ray.Romero@state.nm.us>  
**Subject:** RE: NM Small Business Regulatory Advisory Commission - Notice of Proposed Amendments 20.3.20 NMAC

Good afternoon, Mr. Romero.

The SBRAC committee reported no findings in the proposed rules. If you have any questions, please feel free to reach back out to me.

***Sincerely,***

*Ms. Westlee A. Painter*

***Executive Assistant to the Deputy Cabinet Secretary Jon Clark***

***Economic Development Department***

***Work: (505) 827-0300***

***Cell: (505) 470 - 9472***

---

**From:** Nelson, Johanna, EDD <Johanna.Nelson@state.nm.us>  
**Sent:** Thursday, December 9, 2021 1:26 PM  
**To:** Painter, Westlee A, EDD <WestleeA.Painter@state.nm.us>  
**Cc:** Romero, Ray, NMENV <Ray.Romero@state.nm.us>  
**Subject:** FW: NM Small Business Regulatory Advisory Commission - Notice of Proposed Amendments 20.3.20 NMAC

Hi Westlee, please the following related to SBRAC.

Thank you!

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**From:** Romero, Ray, NMENV <[Ray.Romero@state.nm.us](mailto:Ray.Romero@state.nm.us)>  
**Sent:** Thursday, December 9, 2021 10:35 AM  
**To:** Nelson, Johanna, EDD <[Johanna.Nelson@state.nm.us](mailto:Johanna.Nelson@state.nm.us)>  
**Cc:** Rodriguez, Santiago, NMENV <[Santiago.Rodriguez1@state.nm.us](mailto:Santiago.Rodriguez1@state.nm.us)>; Sanchez, Stephen, NMENV <[stephen.sanchez@state.nm.us](mailto:stephen.sanchez@state.nm.us)>; Ely, Sandra, NMENV <[Sandra.Ely@state.nm.us](mailto:Sandra.Ely@state.nm.us)>; Napolitano, Mia, NMENV <[Mia.Napolitano@state.nm.us](mailto:Mia.Napolitano@state.nm.us)>  
**Subject:** NM Small Business Regulatory Advisory Commission - Notice of Proposed Amendments 20.3.20 NMAC

Ms. Nelson,

Attached, please find a letter along with the proposed amendments and public notices (in English and Spanish) which I ask to be distributed to the New Mexico Small Business Regulatory Advisory Commission. Please contact me should you have any questions.

Raymond R. Romero, Paralegal  
New Mexico Environment Department  
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1190 S. Saint Francis Drive  
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***“Innovation, Science, Collaboration, Compliance”***

Unapproved MIRTAC meeting minutes December 20, 2019

New Mexico Environment Department  
Medical Imaging and Radiation Therapy Advisory Council (MIRTAC)  
Unapproved Minutes of the Meeting

December 20, 2019

The meeting of the Medical Imaging and Radiation Therapy Advisory Council was called to order on December 20, 2019 at the Domenici Center for Health Sciences, 1001 Stanford Dr, NE Suite 2710 Albuquerque, NM 87131.

MIRTAC Members Present:

Daniel Gonzales  
Lynnette Trujillo  
Amanda Eshom  
Victor Garnand  
Melissa Ham  
Evelyn Vasquez  
Chandra Gerrard  
James Mayer

Also present at December 20, 2019 MIRTAC meeting:

Stacy Askham  
Jo Jo Valdez  
Alison Kleven  
Christine Lung  
Rebecca Blankley  
Becky Apodaca  
Meghan Clair  
Melissa Ortega  
Nina Chavez  
Patrick Nye  
Tammy McSperitt  
Stephen Sanchez

Item 1: Jim Mayer motioned to approve the December 20, 2019 agenda as distributed. Amanda Eshom seconded the motion. The motion passed unanimously.

Item 2: Evelyn Vasquez motioned to correct the attendance of the December 14, 2018 minutes. The following members were present: Evelyn Vasquez and Melissa Ham. Lynette Trujillo was not present but listed as she was. Chandra Gerrard motioned to approve these changes.



Victor Garnand seconded the motion.  
The motion passed unanimously.

Item 3: Chandra Gerrard motioned to add CT licensure to the state rules to include any ARRT primary or NMTCB or CNMT with the (ARRT) (CT) or (NMTCB) (CT) being required for a CT license.  
Evelyn Vasquez seconded the motion.  
Motion opposed by Amanda Eshom, Lynette Trujillo, Victor Garnand, and James Mayer  
Motion failed.

Item 4: Chandra Gerrard motioned to add CT licensure to the state rules to require certification in (ARRT) (CT) to obtain a CT license.  
Melissa Ham seconded this motion.  
The motion passed unanimously.

Item 5: Lynette Trujillo motioned to add ASRT and SNMMI scope of practice for CT.  
Melissa Ham seconded motion.  
The motioned passes unanimously.

Item 6: James Mayer motioned to remove the lettering, letter 1, under 20.3.20.322, provisional licenses, letter A, sub number 1, remove "is currently licensed by the department."  
Melissa Ham seconded motion.  
The motion passed unanimously.

Item 7: Amanda Eshom motioned to adjourn.  
Melissa Ham seconded motion.  
The motion passed unanimously.

An appointment was made for Amanda Eshom, Melissa Ham, and Tammy McSperitt to report their recommendations for ARD, recommendations for provisional license for sonography at the next MIRTAC meeting, 2020.

(Proceedings adjourned at 11:50AM)

20.3.20.301 Recognized Credentials and Certifications

| Credentialing Body                                      | Credential obtained | How many procedure categories must be fulfilled | Total number of repetitions | Primary certification required before exam? | Max number of years to complete repetitions prior to sitting for exam | Types of scanners used for competencies                  | Hours of other classes/educational material required before applying for exam | Number of questions in exam |
|---------------------------------------------------------|---------------------|-------------------------------------------------|-----------------------------|---------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------|
| American Registry of Radiologic Technologists (ARRT)    | R.T. (ARRT)(CT)     | 25 of 59 available                              | 125                         | Yes                                         | 2 years                                                               | Diagnostic CT scanners only                              | 16                                                                            | 185                         |
| Nuclear Medicine Technology Certification Board (NMTCB) | (NMTCB)(CT)         | 10 of 53 available                              | 50                          | Yes                                         | 3 years                                                               | Diagnostic CT scanner<br>PET/CT scanner<br>SPECT scanner | 35                                                                            | 200                         |

**STATE OF NEW MEXICO  
BEFORE THE ENVIRONMENTAL IMPROVEMENT BOARD**

**IN THE MATTER OF PROPOSED  
AMENDMENTS TO  
20.3.20 NMAC**

**No. EIB 21-56**

**Radiation Control Bureau,  
Environmental Protection Division of the  
New Mexico Environment Department,**

*Petitioner.*

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**ORDER AND STATEMENT OF REASONS**

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This matter comes before the New Mexico Environmental Improvement Board (“Board”) upon a petition filed by the Radiation Control Bureau (“Bureau”) of the Environmental Protection Division (“Division”) of the New Mexico Environment Department (“Department”) on October 26, 2021, to amend 20.3.20 NMAC. A public hearing was held on March 25, 2022, with a quorum of the Board present during the hearing. The public hearing was held via internet (Zoom) and via telephone due to the concerns surrounding the Novel Coronavirus (“COVID-19”) and in accordance with Governor Michelle Lujan Grisham's Declaration of a Public Health Emergency in Executive Order 2020-004, and subsequent executive orders; various Public Health Emergency Orders limiting mass gatherings due to COVID-19; and the Office of the Attorney General’s Open Government Division’s Guidance to Public Entities Regarding the Open Meetings Act and Inspection of Public Records Act Compliance During COVID-19 State of Emergency.

The Board heard technical testimony from the Department and admitted exhibits into the record. On March 25, 2022, the Board deliberated and voted to amend the regulations for the reasons that follow:

## STATEMENT OF REASONS

1. Pursuant to 20.1.1.300(A) NMAC, any person may petition the Board to adopt, amend, or repeal any regulation within the jurisdiction of the Board.
2. On October 26, 2021, the Bureau filed a petition with the Board for a public hearing in this matter. On November 19, 2021, at a meeting conducted in compliance with the Open Meetings Act and other applicable requirements, the Board granted the Bureau's request for a hearing and scheduled the hearing for March 25, 2022 and continuing thereafter as necessary.
3. Public notice of the hearing was published in English and Spanish in two publications: the Albuquerque Journal and the New Mexico Register (**NMED Exhibits 7-10**), on December 26, 2021 and December 28, 2021. The notice stated that the Board may make a decision on the proposed regulations at the conclusion of the hearing or may convene at a later date to consider action on the proposal.
4. Public notice requirements in compliance with NMSA 1978, Section 14-4-5.2 (2017), as incorporated into the Board's rulemaking regulations in 20.1.1.300(A) NMAC and 20.1.1.7(N) NMAC, were met (**NMED Exhibits 11-17**).
5. As required by NMSA 1978, Section 14-4A-4 (2005), the public notice was provided to the Small Business Regulatory Advisory Commission via email on December 9, 2021 (**NMED Exhibit 18**). On December 14, 2021, the Small Business Regulatory Advisory Commission informed the Department that the proposed amendments will not pose a hardship to small businesses. (**NMED Exhibit 19**).
6. Pursuant to NMSA 1978, Section 61-14E-5 (2009), the proposed amendments were provided to the Medical Imaging and Radiation Therapy Advisory Council ("MIRTAC")

at its December 20, 2019 meeting. The MIRTAC approved of the proposed amendments. **(NMED Exhibit 20).**

7. NMED filed a Notice of Intent to Present Technical Testimony (“NOI”) on March 4, 2022, in accordance with 20.1.1.302 NMAC.
8. A hearing in this matter was held via internet (Zoom) and telephone at which a reasonable opportunity for all persons to be heard was provided.
9. The New Mexico Environment Department (“Department”) Radiation Control Bureau (“Bureau”) requires a medical imaging license for persons operating medical equipment emitting ionizing and non-ionizing radiation pursuant to the Medical Imaging and Radiation Therapy Health and Safety Act, NMSA 1978, Sections 61-14E-1 to -12 (1983, as amended through 2020) (“Act”) and its corresponding regulations, 20.3.20 NMAC.
10. The purpose of the Act is to maximize the protection practicable for the citizens of New Mexico from ionizing and non-ionizing radiation in the practice of medical imaging. The Act establishes requirements for appropriate education and training of persons operating medical equipment emitting ionizing and non-ionizing radiation, establishes standards of education and training for the persons who administer medical imaging and radiation therapy procedures, and provides the appropriate examination and licensure to those persons. NMSA 1978, §61-14E-2 (2009).
11. The administration and enforcement of the Act and corresponding regulations is vested in the Department. NMSA 1978, § 61-14E-6. Pursuant to NMSA 1978, Section 74-1-7(A)(12) (2000), the Department has the authority to develop and enforce rules and standards for medical radiation, health and safety certification and standards for radiologic technologists.

12. The Bureau proposes several amendments to 20.3.20 NMAC, the most notable amendment being the addition of a Computed Tomography (CT) license. The addition of a CT license will maximize the protection practicable for the citizens of New Mexico from ionizing radiation in the practice of CT imaging by establishing requirements for appropriate education and training of these individuals operating CT medical equipment.
13. Other amendments include clarifying the requirements and scope of practice for the Provisional License, which is a license for individuals who are on a pathway to becoming registered and certified in the diagnostic imaging modality they are pursuing. The Bureau would also like to take this opportunity to clarify existing requirements and fix minor and typographical errors.
14. The Board has the authority to adopt and promulgate radiation control rules, regulations, and licensure standards pursuant to Section 61-14E-5 and NMSA 1978, Section 74-1-8(A)(12) (2020).
15. In considering the proposed amendments, the Board is required, by Section 74-1-9, to give the weight it deems appropriate to all facts and circumstances, including but not limited to (1) character and degree of injury to or interference with health, welfare, animal and plant life, property, and the environment; (2) the public interest, including the social, economic, and cultural value of the regulated activity and the social, economic, and cultural effects of environmental degradation; and (3) technical practicability, necessity for and economic reasonableness of reducing, eliminating or otherwise taking action with respect to environmental degradation.
16. The Board considered all facts and circumstances and concluded that the proposed amendments do not cause injury to or interfere with health, welfare, animal, and plant life,

property, and the environment. The Board found the proposed revisions to be technically practical, economically reasonable, and in the public interest. The Board concludes that the factors specified by Section 74-1-9 all weigh in favor of adopting the proposed revisions.

17. The notice and hearing requirements of Section 14-4-5.2, Section 74-1-9, Section 14-4A-4, and 20.1.1 NMAC were satisfied in this rulemaking process.
18. The Board hereby approves of the proposed amendments to 20.3.20 NMAC as they are written in **NMED Exhibit 1**, for the reasons stated above.

### **ORDER**

By \_\_\_\_\_ vote of a quorum of the Board members, the proposed adoption of the amendments to 20.3.20 NMAC, as contained in **NMED Exhibit 1** of the Department's March 4, 2022, Notice of Intent to Present Technical Testimony, were approved by the Board on \_\_\_\_\_, 2022. Annotations to 20.3.20 NMAC, with any appropriate corrections of typographical errors or formatting, shall be filed with the New Mexico State Records Center as expeditiously as possible by the Department.

SIGNED this \_\_\_\_ day of March 2022.

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Phoebe Suina, Chair  
New Mexico Environmental Improvement Board  
1190 St. Francis Drive, Suite # South 2102  
Santa Fe, New Mexico 87505  
Phone: (505) 827-2428  
Fax: (505) 827-1628