

DEPARTMENT OF THE ARMY  
WHITE SANDS TEST CENTER  
U.S. ARMY WHITE SANDS MISSILE RANGE  
100 Headquarters Avenue  
WHITE SANDS MISSILE RANGE, NEW MEXICO 88002-5000

RECEIVED

DEC 12 2011

REPLY TO  
ATTENTION OF

DNMS

TEDT-WSV

12-Dec-11

MEMORANDUM FOR: Dr. Lizette Roland-Otero, Health Physicist, Nuclear Regulatory Commission

SUBJECT: Change Radiation Safety Officer for License Number 030-09345

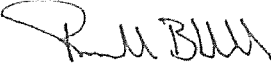
This is a request to replace Mrs. Elise Barrera with Ms. Mary Donahue as the radiation safety office on the above license.

Ms. Donahue's employment with White Sands Missile Range Resource Office started on July 6<sup>th</sup>, 2010. She trained for work as a health physicist (HP) at the Gamma Radiation Facility (GRF) under Mrs. Barrera's supervision. Her training consisted of the following: GRF regulatory requirements, HP responsibilities for operations, up loading and testing sources, authority to stop work due to unsafe work conditions, annual maintenance and emergency procedures. The Resource Protection GRF qualification and certification consists of an oral board and written exam. Ms. Donahue passed her qualification and certification on November 15, 2010 and has been working at the GRF on a regular basis. Attached is the memo and support document approving her to work at the GRF.

Ms. Donahue has thirty years of experience in various aspects of the health physics field and has attended numerous training courses. She has also passed the National Registry of Radiation Protection Technologists (NRRPT) certification. A copy of the certificate is attached.

If you have any questions, I can be reached at 575-678-5584.

FOR THE DIRECTOR:

  
Dr. JOHN H. O'KUMA  
Director, Survivability, Vulnerability and  
Assessment Directorate

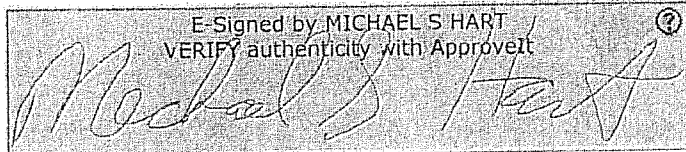
No 5 7 6 4 3 0

MEMORANDUM FOR TEDT-WSV-NP

SUBJECT: Approval of Ms. Mary Ellen Donahue as a Health Physicist

1. Reference memorandum, TEDT-WS-SV-NP, subject: Request for approval of Ms. Mary Ellen Donahue to serve as Health Physicist, 03 December 10, enclosed.
2. A Qualification and Certification Board was held for Ms. Donahue on 15 November 10. The board recommended approval of Ms. Donahue as Health Physics Monitor for the Gamma Range, Eldorado, PI-538, LINAC and REBA facilities. At the 07 December 2010 White Sands Radiation Safety Committee meeting, the committee granted approval to Ms. Donahue.
3. Point of contact is the undersigned, WSM-SO, 678-1211.

E-Signed by MICHAEL S HART  
VERIFY authenticity with ApproveIt



MICHAEL S. HART  
Recorder  
Radiation Safety Committee, WSMR

CF:  
Chairman, RSC

TRAINING & EXPERIENCE WITH RADIOACTIVE MATERIALS (Please Type or Print Legibly)		NAME & ORGANIZATION Mary E. Donahue, WSV-P, WSMR, NM 88002 SSN: <u>8882</u>		Mil <u>X</u> DAC _____ CONTR _____		DATE December 9, 2011	
TYPE TRAINING	WHERE TRAINED	DURATION OF TRAINING	On the Job (Check)		Formal Course (Check)		
			YES	NO	YES	NO	
1. PRINCIPLES AND PRACTICES OF RADIATION PROTECTION	Oak Ridge Associated University (ORAU)	5 weeks	X		X		
2. RADIOACTIVITY MEASUREMENT STANDARDIZATION AND MONITORING TECHNIQUES AND INSTRUMENTS	ORAU	5 weeks	X		X		
3. MATHEMATICS & CALCULATIONS BASIC TO THE USE AND MEASUREMENT OF RADIOACTIVITY	ORAU	5 weeks	X		X		
4. BIOLOGICAL EFFECTS OF RADIATION	ORAU	5 weeks	X		X		
EXPERIENCE WITH IONIZING RADIATION (ACTUAL USE OF RADIOISOTOPES OR EQUIVALENT EXPERIENCE)							
ISOTOPE	MAXIMUM ACTIVITY	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE			
Co-60	15,000 Ci per source	Gamma Range Facility	July 2010 - December 2010	Hands on training at GRF, emergency procedures, prepare RWP, HP support for operations, up loading and testing sources, annual maintenance			
Flash x-ray system	NA	REBA, PI 538	July 2010 - December 2010	HP support for operations, prepare RWP, survey exposure cell, area monitoring			
Various Isotopes DU, Cs-137 Pu/Be, Th-232, Co-60, H-3,	20 mCi	Honeywell, FM&T	Jan 1993 - June 2010	Used sealed sources for instrument and counting equipment calibration, surveyed areas using radioactive sources and x-ray systems, supported chemical etching of DU, provided radiation safety training, managed low level radioactive waste			

No 576430

Various Isotopes	20 mCi	Nevada Test Site	October 1990- December 1992	HP support at LLRW disposal site, instrument calibration, survey waste containers, vehicles and monitor area
Various Isotopes	20 mCi	State of Nevada Bureau of Radiation Control	October 1988 - October 1990	Inspected various RAM licenses, x-ray facilities and the LLRW site and shipments
Various Isotopes	10 mCi	Kansas Department of Health and Environment	January 1986 - October 1988	Emergency planning, environmental monitoring and LLRW
Various Isotopes	10 mCi	Health Physicist, Martin Army Hospital, Ft. Benning, GA	October 1982 - December 1985	RSO on NRC license , survey radioactive material use areas and x-ray systems, provided dosimetry and radiation safety training
Tc-99m, Tl-201, Ga-67, Xe-133, I-131, I-123	10 mCi	School of Aerospace Medicine - Nuclear Medicine Clinic	July 1977-October 1982	Perform nuclear medicine imaging, prepare radiopharmaceuticals , survey hot lab,

Founded In 1976

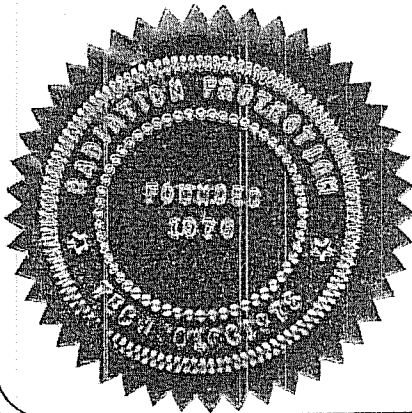
# National Registry of Radiation Protection Technologists

Hereby Certifies that

## Mary E. Donahue

*Has satisfactorily met the recognized standards established by the National  
Registry of Radiation Protection Technologists and is hereby registered as a:*

## Radiation Protection Technologist



A handwritten signature in cursive script, appearing to read "J. A. Regel".

Chairman

A handwritten signature in cursive script, appearing to read "Randy Webb".

Secretary

December 30, 1993

Date