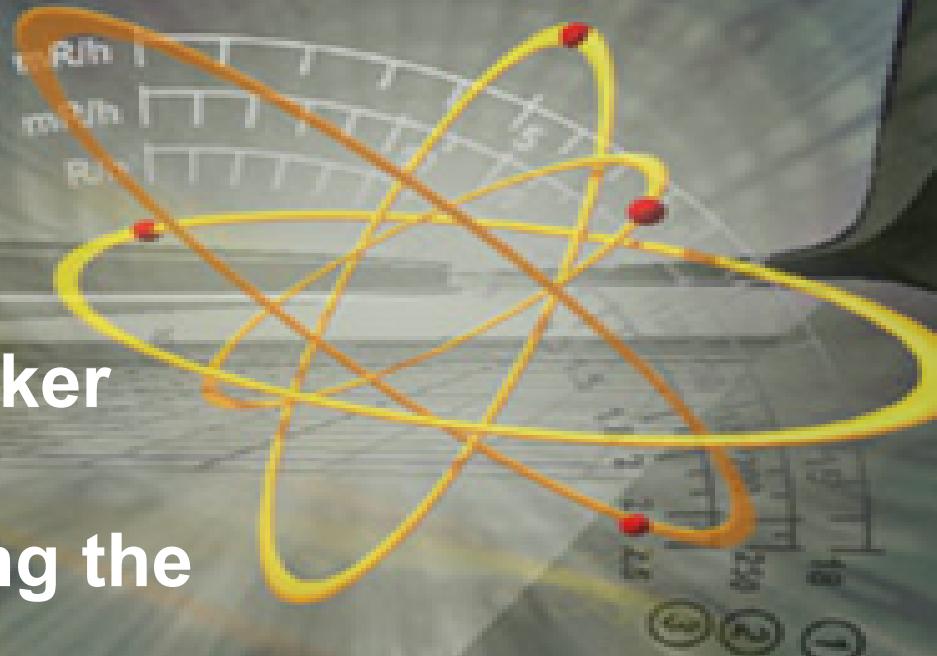


RP Training and Education

Provide Radiological Worker
and Radiological Control
Technician Training During the
Pandemic

HPS Annual Meeting – July 2021

SAND2021-1330759





Providing RW and RCT Training During the Pandemic



Sandia National Laboratories (SNL)

Strategic priorities, goals and objectives

- *Multi-mission national security laboratory*
- *Anticipate and solve complex problems that threaten security in the 21st century.*
- *Long-range view for several decades to ensure the United States is prepared to manage future threats to national security.*

Radiation Protection Program (RPP)

The purpose of SNL RPP

- *Assure radiological activities throughout SNL are conducted in a safe and compliant manner.*
- *We are an integral part with all radioactive activities conducted by Members of the Workforce (MOWs) to include but not limited to radioactive materials and radiation generating devices (RGDs).*





Providing RW and RCT Training During the Pandemic



RADWORKER TRAINING BEFORE COVID19

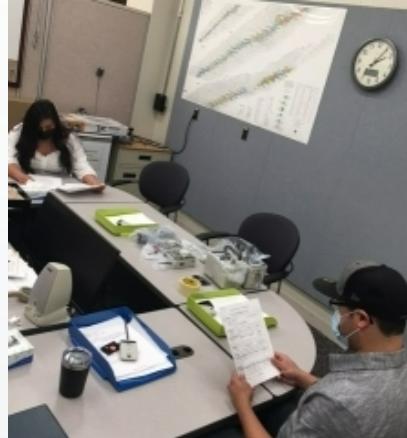
RADWORKER 1&2 - RGD OPERATOR

- *Class Room and 2 year review classes were “IN PERSON” only*
- *Written Exams in person with followed on Hands-On Applied Practical Scenarios “IN PERSON” only*

RADWORKER TRAINING DURING COVID19

RADWORKER 1&2 – RGD OPERATOR

- *Class Room and 2 year review classes were “VIRTUAL” only. Using platforms SKYPE or MS TEAMS*
- *Written Exams in person with followed on Hands-On Applied Practical Scenarios “IN PERSON” only. Restricted in persona attendance to 4 + Instructor*



Pre-Pandemic Results

- ~800 Students / year
- ~400 through RW1 or RW2

During Pandemic Results

NO CHANGE
NO Attributed Cases
during contact tracing

- Students remained masked
- Social Distance Seating
- Restricted to (4) In-person
- Disinfect desks and area
- PPE one time use
- Whole Body Frisk (face not included)





Providing RW and RCT Training During the Pandemic



RADIOLOGICAL CONTROL TECHNICIANS TRAINING BEFORE COVID-19

INITIAL TRAINING IN PERSON ONLY

- No restrictions
- DOE CORE – SITE – Practical – Oral Board

CONTINUING TRAINING IN PERSON ONLY

- No restrictions
- 36 – 40 hours per year for two years
- Usually monthly classes

RADIOLOGICAL CONTROL TECHNICIANS TRAINING DURING COVID-19

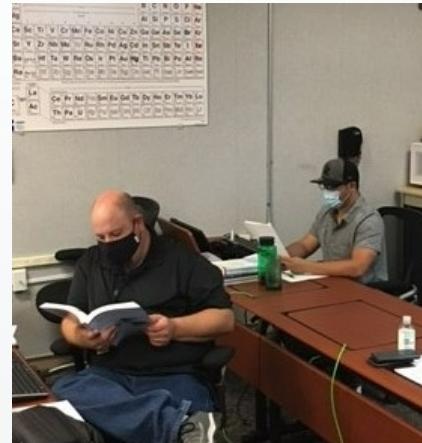
INITIAL TRAINING IN PERSON & MS TEAMS

- 6 Students + 1 Trainer MAX
- DOE CORE – SITE – Oral Board
- Graded Practical IN PERSON ONLY

CONTINUING TRAINING MS TEAMS ONLY

- 40 RCTs in the Field – not allowed to be in person
- Hours dropped – wrote a memo to file to explain (20 hours for the year)

- Students remained masked
- Social Distance Seating
- Restricted to (6) In-person
- Disinfect desks and area
- Practical exercises were done in person & Oral Boards via MS TEAMS
- Set up MS TEAMS to allow for Class to continue in case of a COVID case or need to be virtual



During the Pandemic:

- (2) Classes of SRCTs (7 Qualified)
- (1) Class of JRCTs (5 Qualified)

QUESTIONS?

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and Radiological Control
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Radiation Protection Training and Education

