

RADIATION CONSULTANTS, INC.

RADIOLOGICAL SAFETY / HEALTH PHYSICS SERVICES

(Texas License No. L02179)



Post Office Box 787
Deer Park, Texas 77536
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Fax: 281.476.0658
website: www.radcons.com

07 April 2012

Mr. Eddie Stelly
Radiation Safety Officer
ACCURATE NDE & INSPECTION, LLC
209 Industrial Trace
Broussard, Louisiana 70518

WILLFUL VIOLATION TRAINING CONFIRMATION

Dear Eddie:

This is to confirm that the following individuals were trained on the topic of Willful Violation, in accordance with the requirements specified in the Nuclear Regulatory Commission's Confirmatory Order EA-11-043.

The following individuals were trained on 3/30/12:

- | | | |
|-------------------|--------------------|---------------------|
| 1. Eddie Stelly | 5. Charles Brignac | 9. Jonathan Johnson |
| 2. Denton Bourque | 6. Cory Perry | 10. Chase Maedgen |
| 3. Justin Shaw | 7. Kyle Lenamon | |
| 4. Troy Trahan | 8. Rufus Marceaux | |

The following individuals were trained on 4/2/12:

- | | | |
|--------------------|-------------------|-----------------|
| 1. Brandon Stelly | 3. Phillip Manuel | 5. Scott Martin |
| 2. Joseph Melancon | 4. Gregory Dupas | |

We appreciate very much the opportunity to provide services to your company and sincerely hope you will consider us again for your future radiological needs. Please feel free to give me a call if I may be of any further assistance.

Respectfully,

RADIATION CONSULTANTS, INC.
Texas License No. L02179

Bruce E. Bristow
President / Health Physicist



BEB:pdb

RADIATION CONSULTANTS, INC.

Consulting | Training | Licensing Assistance | Radiological Program Audits | Records Management
Leak Testing | Instrument Calibrations | Radiological Surveys | Dose Calculations | Emergency Assistance

Name: Kyle Lenamon

Date: 3-30-12

Company: Accurate NDE

Location: _____

WILLFUL VIOLATION TRAINING EXAM

Circle the letter that represents the best answer to each question. Each question has only one answer.

1. What types of actions can lead to "willful violations" occurring?
 - a. Deliberate misconduct.
 - b. Careless disregard.
 - c. Both a. and b.
 - d. None of the above.
2. What are the components of **willful violations**?
 - a. An NRC requirement exists;
 - b. Compliance with the requirement has been breached through voluntary and intentional action; or
 - c. Compliance with the requirement has been breached through lack of action (other than a mistake or error).
 - d. All of the above.
3. What are the elements of **deliberate misconduct**?
 - a. A person's actions were voluntary;
 - b. The person knew there was a requirement, understood the requirement and knew that it applied at the time;
 - c. The person knew their actions were contrary to the requirement.
 - d. All of the above.
4. If a person voluntarily acts with reckless disregard to the existence of a requirement, their actions constitute which of the following?
 - a. Deliberate misconduct.
 - b. Careless disregard.
 - c. Both of the above.
 - d. None of the above.
5. Penalties for deliberate misconduct can include which of the following?
 - a. Suspension of the company's license.
 - b. Revocation of the company's license.
 - c. Civil penalties of up to \$140,000.
 - d. All of the above.
6. Which of the following activities are protected under regulations contained in 10 CFR 30.7?
 - a. Providing the NRC with information about alleged violations of regulatory requirements.
 - b. Refusing to engage in any unlawful practice.
 - c. Requesting the NRC institute actions against the employer for enforcement of regulatory requirements.
 - d. All of the above.
7. Any person who believes that they have been discriminated against for engaging in protected activities may seek remedy through which of the following?
 - a. The Nuclear Regulatory Commission.
 - b. The State Radiation Regulatory Agency.
 - c. The Dept. of Labor, Employment Standards Admin.
 - d. None of the above.
8. According to NRC's Safety Culture Policy Statement, the NRC expects that individuals and organizations will do which of the following?
 - a. Discuss the concept of safety culture, if they feel it applies to them.
 - b. Establish and maintain a positive safety culture at all times.
 - c. Encourage employees to learn about what a safety culture is, if they feel it applies to them.
 - d. None of the above.
9. According to the NRC's Safety Culture Policy Statement, which of the following are traits of a positive safety culture?
 - a. Personal accountability.
 - b. Effective safety communication.
 - c. Respectful work environment.
 - d. All of the above.
10. According to the NRC's Safety Culture Policy Statement, which of the following is true of a positive safety culture?
 - a. Leaders demonstrate a commitment to safety in their behaviors.
 - b. Leaders focus communications on production.
 - c. Leaders discourage personal responsibility.
 - d. All of the above.
11. During a 2005 NRC inspection of Accurate NDE, which of the below identified willful violations were the direct result of an employee's bad decisions?
 - a. An exposure device was not properly secured.
 - b. A radiographer's assistant did not wear any personnel monitoring equipment.
 - c. The daily radiation report was falsified.
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(continued on back)

Radiation Awareness Safety Exam

12. As a result of the willful violations issued to Accurate NDE in 2005, what penalty did NRC assess?
- Proposed suspension of the company's license.
 - Proposed a \$13,000 fine.
 - Proposed termination of the employees involved.
 - All of the above.
13. In Case #1 that was discussed, how much radiation dose did the radiographer receive to his hand, as a result of failing to perform a radiation survey?
- 100 rem.
 - 500 rem.
 - 1,070 rem.
 - None of the above.
14. In Case #2 that was discussed, the assistant radiographer failed to perform a radiation survey and, as a result, received a dose to his hand of 1,500 - 3,000 rem. What medical actions did the physician say may be necessary as a result of the exposure?
- None.
 - Possible amputation of one or more fingers.
 - Sterility of the assistant radiographer.
 - None of the above.
15. In Case #3 that was discussed, how much radiation dose did the assistant radiographer receive to the skin of his neck?
- 5,000 - 7,000 rem.
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 - None of the above.
16. Which of the following was identified as being critical to ensuring that willful violations (and overexposures) are avoided?
- Radiation safety procedures and regulations must always be followed during radiographic operations, especially during non-normal events.
 - A radiation survey must always be performed after the source is retracted back into the camera.
 - Radiographer assistants / trainees must always be supervised when performing radiographic operations.
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20. What is the consequence of committing a willful violation of regulatory requirements?
- The NRC can issue fines.
 - The NRC can suspend or terminate the company's license.
 - Individuals can be seriously injured or killed.
 - All of the above.

Name: Troy Trahan
Company: Accurate NDE + Inspection

Date: 03/30/2012
Location: Broussard, LA

WILLFUL VIOLATION TRAINING EXAM

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a. A person's actions were voluntary;
b. The person knew there was a requirement, understood the requirement and knew that it applied at the time;
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- ✓ 6. Which of the following activities are protected under regulations contained in 10 CFR 30.7?
a. Providing the NRC with information about alleged violations of regulatory requirements.
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d. None of the above.
- ✓ 8. According to NRC's Safety Culture Policy Statement, the NRC expects that individuals and organizations will do which of the following?
a. Discuss the concept of safety culture, if they feel it applies to them.
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(continued on back)

Radiation Awareness Safety Exam

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Name: RUFUS MARCEAUX

Date: 3-30-12

Company: ACCURATE NDE

Location: Broussard

WILLFUL VIOLATION TRAINING EXAM

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Name: Corey Perry

Date: 3.30.2012

Company: Accurate NDE

Location: _____

WILLFUL VIOLATION TRAINING EXAM

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(continued on back)

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RADIATION CONSULTANTS, INC.

P.O. Box 787, Deer Park, Texas 77536
800.899.4112 281.476.0072 Fax: 281.476.0658

Name: Justin Shaw

Date: 3-30-12

Company: Accurate NDE

Location: _____

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90

Name: Chase Maedger
Company: ANDE

Date: 3-30-12
Location: _____

WILLFUL VIOLATION TRAINING EXAM

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5. Which of the following activities are protected under regulations contained in 10 CFR 30.7?
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(continued on back)

Radiation Awareness Safety Exam

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RADIATION CONSULTANTS, INC.

P.O. Box 787, Deer Park, Texas 77536
800.899.4112 281.476.0072 Fax: 281.476.0658

95

Name: Denton R. Bourque

Date: 3-30-12

Company: Accurate NDE Inspection

Location: Broussard, La

WILLFUL VIOLATION TRAINING EXAM

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(continued on back)

Radiation Awareness Safety Exam

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95

Name: Jonathan Johnson

Date: 3/30/12

Company: Accurate NDE

Location: _____

WILLFUL VIOLATION TRAINING EXAM

Circle the letter that represents the best answer to each question. Each question has only one answer.

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(continued on back)

Radiation Awareness Safety Exam

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90

Name: Charles Brignac

Date: 3/30/12

Company: Accurate NDE

Location: Lat

WILLFUL VIOLATION TRAINING EXAM

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Radiation Awareness Safety Exam

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90

Name: Eddie Stelly

Date: 3-30-12

Company: Accurate NDE & Inspection

Location: Brassard, LA

WILLFUL VIOLATION TRAINING EXAM

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(continued on back)

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 - Possible amputation of one or more fingers.
 - Sterility of the assistant radiographer.
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15. In Case #3 that was discussed, how much radiation dose did the assistant radiographer receive to the skin of his neck?
- 5,000 - 7,000 rem.
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 - Radiographer assistants / trainees must always be supervised when performing radiographic operations.
 - All of the above.
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20. What is the consequence of committing a willful violation of regulatory requirements?
- The NRC can issue fines.
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 - All of the above.

Name: Scott Martin

Date: 4-2-12

Company: Accurate NDE

Location: Vidor, Tx.

WILLFUL VIOLATION TRAINING EXAM

Circle the letter that represents the best answer to each question. Each question has only one answer.

1. What types of actions can lead to "willful violations" occurring?
 - a. Deliberate misconduct.
 - b. Careless disregard.
 - c. Both a. and b.
 - d. None of the above.
2. What are the components of **willful violations**?
 - a. An NRC requirement exists;
 - b. Compliance with the requirement has been breached through voluntary and intentional action; or
 - c. Compliance with the requirement has been breached through lack of action (other than a mistake or error).
 - d. All of the above.
3. What are the elements of **deliberate misconduct**?
 - a. A person's actions were voluntary;
 - b. The person knew there was a requirement, understood the requirement and knew that it applied at the time;
 - c. The person knew their actions were contrary to the requirement.
 - d. All of the above.
4. If a person voluntarily acts with reckless disregard to the existence of a requirement, their actions constitute which of the following?
 - a. Deliberate misconduct.
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 - c. Both of the above.
 - d. None of the above.
5. Penalties for deliberate misconduct can include which of the following?
 - a. Suspension of the company's license.
 - b. Revocation of the company's license.
 - c. Civil penalties of up to \$140,000.
 - d. All of the above.
6. Which of the following activities are protected under regulations contained in 10 CFR 30.7?
 - a. Providing the NRC with information about alleged violations of regulatory requirements.
 - b. Refusing to engage in any unlawful practice.
 - c. Requesting the NRC institute actions against the employer for enforcement of regulatory requirements.
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7. Any person who believes that they have been discriminated against for engaging in protected activities may seek remedy through which of the following?
 - a. The Nuclear Regulatory Commission.
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8. According to NRC's Safety Culture Policy Statement, the NRC expects that individuals and organizations will do which of the following?
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 - c. Encourage employees to learn about what a safety culture is, if they feel it applies to them.
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 - a. Personal accountability.
 - b. Effective safety communication.
 - c. Respectful work environment.
 - d. All of the above.
10. According to the NRC's Safety Culture Policy Statement, which of the following is true of a positive safety culture?
 - a. Leaders demonstrate a commitment to safety in their behaviors.
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 - c. Leaders discourage personal responsibility.
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11. During a 2005 NRC inspection of Accurate NDE, which of the below identified willful violations were the direct result of an employee's bad decisions?
 - a. An exposure device was not properly secured.
 - b. A radiographer's assistant did not wear any personnel monitoring equipment.
 - c. The daily radiation report was falsified.
 - d. All of the above.

(continued on back)

Radiation Awareness Safety Exam

12. As a result of the willful violations issued to Accurate NDE in 2005, what penalty did NRC assess?
- Proposed suspension of the company's license.
 - Proposed a \$13,000 fine.
 - Proposed termination of the employees involved.
 - All of the above.
13. In Case #1 that was discussed, how much radiation dose did the radiographer receive to his hand, as a result of failing to perform a radiation survey?
- 100 rem.
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 - None of the above.
14. In Case #2 that was discussed, the assistant radiographer failed to perform a radiation survey and, as a result, received a dose to his hand of 1,500 - 3,000 rem. What medical actions did the physician say may be necessary as a result of the exposure?
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RADIATION CONSULTANTS, INC.

P.O. Box 787, Deer Park, Texas 77536
800.899.4112 281.476.0072 Fax: 281.476.0658

Name: Phillip Manuel

Date: 04-2-12

Company: Accurate NDE

Location: _____

WILLFUL VIOLATION TRAINING EXAM

Circle the letter that represents the best answer to each question. Each question has only one answer.

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 - c. The daily radiation report was falsified.
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(continued on back)

Radiation Awareness Safety Exam

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 - Individuals can be seriously injured or killed.
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-3 85

RADIATION CONSULTANTS, INC.

P.O. Box 787, Deer Park, Texas 77536
800.899.4112 281.476.0072 Fax: 281.476.0658

Name: Brandon Stelly

Date: 4-2-12

Company: Accurate NDE

Location: _____

WILLFUL VIOLATION TRAINING EXAM

Circle the letter that represents the best answer to each question. Each question has only one answer.

1. What types of actions can lead to "willful violations" occurring?
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 - c. Both a. and b.
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11. During a 2005 NRC inspection of Accurate NDE the below identified willful violations were the employee's bad decisions?
 - a. An exposure device was not properly monitored.
 - b. A radiographer's assistant did not monitor monitoring equipment.
 - c. The daily radiation report was not reviewed.
 - d. All of the above.

Radiation Awareness Safety Exam

12. As a result of the willful violations issued to Accurate NDE in 2005, what penalty did NRC assess?
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Name: Gregory Dupas
Company: Accurate NDE & Insp.

Date: 4-2-12
Location: _____

WILLFUL VIOLATION TRAINING EXAM

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(continued on back)

Radiation Awareness Safety Exam

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Name: Joseph C Melancon

Date: April 2, 2012

Company: Accurate NDE & Inspections

Location: _____

WILLFUL VIOLATION TRAINING EXAM

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(continued on back)

Radiation Awareness Safety Exam

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 - None of the above.
14. In Case #2 that was discussed, the assistant radiographer failed to perform a radiation survey and, as a result, received a dose to his hand of 1,500 - 3,000 rem. What medical actions did the physician say may be necessary as a result of the exposure?
- None.
 - Possible amputation of one or more fingers.
 - Sterility of the assistant radiographer.
 - None of the above.
15. In Case #3 that was discussed, how much radiation dose did the assistant radiographer receive to the skin of his neck?
- 5,000 - 7,000 rem.
 - 1,000 - 2,000 rem.
 - 50 - 100 rem
 - None of the above.
16. Which of the following was identified as being critical to ensuring that willful violations (and overexposures) are avoided?
- Radiation safety procedures and regulations must always be followed during radiographic operations, especially during non-normal events.
 - A radiation survey must always be performed after the source is retracted back into the camera.
 - Radiographer assistants / trainees must always be supervised when performing radiographic operations.
 - All of the above.
17. During an event in which an equipment malfunction occurs, what steps should radiographic personnel follow?
- Perform a survey of the area and post an actual 2 mR/hr boundary.
 - Place "Caution" signs at the boundary and maintain visual surveillance.
 - Wait for the RSO's instructions on how to proceed.
 - All of the above.
18. After posting the actual 2 mR/hr boundary, using a survey meter, how long can the boundary remain established before it must be adjusted or removed?
- It can remain intact for 1 hour.
 - It can remain intact for 8 hours.
 - It can remain intact indefinitely.
 - None of the above.
19. When can a radiographer instructor perform source retrieval operations?
- After the RSO has specifically authorized them to.
 - After they have been trained in retrieval operations.
 - After contacting the RSO and receiving specific approval for each incident.
 - All of the above.
20. What is the consequence of committing a willful violation of regulatory requirements?
- The NRC can issue fines.
 - The NRC can suspend or terminate the company's license.
 - Individuals can be seriously injured or killed.
 - All of the above.