



# Radiation Safety Associates, Inc. RESPIRATORY PROTECTION AT NUCLEAR FACILITIES -- COURSE OUTLINE

## INTRODUCTION

### CLASSIFICATION, DESCRIPTION & LIMITATIONS OF RESPIRATORS

- Respirator inlet covering
- Negative/positive pressure
- Tight/loose fitting
- Air purifying
- Supplied-air
- Self-contained breathing apparatus
- Combination devices
- NIOSH approval
- Assigned Protection Factors
- Workplace Protection Factors
- Warning Properties of Substances

### U.S. NUCLEAR REGULATORY COMMISSION (NRC)

- 10 CFR 20 Subpart H (1999)
- Regulatory Guide 8.15 (Rev. 1, 1999)
- NUREG 0041 (1976)

### U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH, (OSHA)

- 29 CFR 1910

### AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

- Z88.2-1992

### NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH)

- 42 CFR 84

### U.S. DEPARTMENT OF TRANSPORTATION (DOT)

- 49 CFR 173.34
- 49 CFR 178.36
- DOT Specification,  
Cylinders, Shipping  
Containers

### COMPRESSED GAS ASSOCIATION (CGA)

- CGA C-7.1 (1997)
- Commodity Specification, Air

### NON-RADIOLOGICAL HAZARDS

- Oxygen Deficiency
- Heat Stress
- Hypothermia

### RESPIRATORY PROTECTION and ALARA

Course offered at our Hebron, Connecticut facility in rotation with other radiation safety courses. For more information, see our website at <http://www.radpro.com/calendar.html>, or contact us at 860.228.0487.