



CONTROL ROOM MANAGEMENT ROLES AND RESPONSIBILITIES

49 CFR § 192.631(b)

and

49 CFR § 195.446(b)



49 CFR § 192.631 & 195.446

- a) General
- b) Roles and Responsibilities**
- c) Provide Adequate Information
- d) Fatigue Mitigation
- e) Alarm Management
- f) Change Management
- g) Operating Experience
- h) Training
- i) Compliance Validation
- j) Compliance and Deviation



ROLES AND RESPONSIBILITIES

Each operator must define the roles and responsibilities of a controller during:

- **Normal operating conditions**
- **Abnormal operating conditions**
- **Emergency operating conditions**

**“Define” means formally define and document
Avoid reliance on complex legal documents
that can be difficult to read and understand**



ROLES AND RESPONSIBILITIES

To provide for a controller's prompt and appropriate response to operating conditions, an operator must define each of the following:

#1

A controller's authority and responsibility to make decisions and take actions during normal operations

The definition will differ from Company to Company

Authority is the permission to take action when necessary

Responsibility means an expectation to take action



ROLES AND RESPONSIBILITIES

To provide for a controller's prompt and appropriate response to operating conditions, an operator must define each of the following:

#2

A controller's role when an abnormal operating condition is detected, even if the controller is not the first to detect the condition, including the controller's responsibility to take specific actions and to communicate with others



ROLES AND RESPONSIBILITIES

To provide for a controller's prompt and appropriate response to operating conditions, an operator must define each of the following:

#3

A controller's role during an emergency, even if the controller is not the first to detect the emergency, including the controller's responsibility to take specific actions and to communicate with others



ROLES AND RESPONSIBILITIES

To provide for a controller's prompt and appropriate response to operating conditions, an operator must define each of the following:

#4

A method of recording controller shift-changes and any hand-over of responsibility between controllers

Consideration for when the controller “steps away” for a minute or two (different than shift end / change)

Provisions for temporary coverage



ROLES AND RESPONSIBILITIES

#4

**A method of recording controller shift-changes
and any hand-over of responsibility between
controllers (cont'd)**

**Not all operators use SCADA sign-on /sign-off
(that's not required)**

**Method should clearly annotate when the shift of
responsibility occurred**

**When does the shift of responsibility occur during
overlap periods?**