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CRT 0364 NERSC SRE Building Infrastructure Systems

Course Syllabus

Subject Category: Safety Orientation
Course Prerequisite: None
Course Length: 30 min
Course Mode: self-paced e-learning

Course Purpose: This course is to teach the NERSC Operations Technology Group's Site Reliability Engineering (SRE) staff about the facility-related system alarms and signals that they may encounter in the course of work, and the most effective action to take for each of those inputs.

Learning Objectives:
After completing this training, participants will be able to:

- Understand the purpose, function, and physical description of each of the building infrastructure systems including:
  - Emergency Power Off
  - VESDA
  - Tape Library Fire Suppression
  - Leak Detection System
  - Mechanical Plant BMS
  - Standby Power Remote Annunciator
  - Building Fire Alarm Remote Annunciator
  - Air Quality Mode
  - Common Area Rack Temperature Sensors
- Recognize the triggering inputs (alarms, visible or audible clues, etc.) that may require response
- Take appropriate actions to triggering inputs
- Follow the Return-to-normal process for each triggering input

Training Requirements: This course is a NERSC requirement for NFPA 75, Standard for the Protection of Information Technology Equipment

Course Instructional Materials: e-learning

Practical or performance Assessment / Exam: No

Retraining/Recertification: Annual

Course Evaluation: Feedback form used to evaluate training